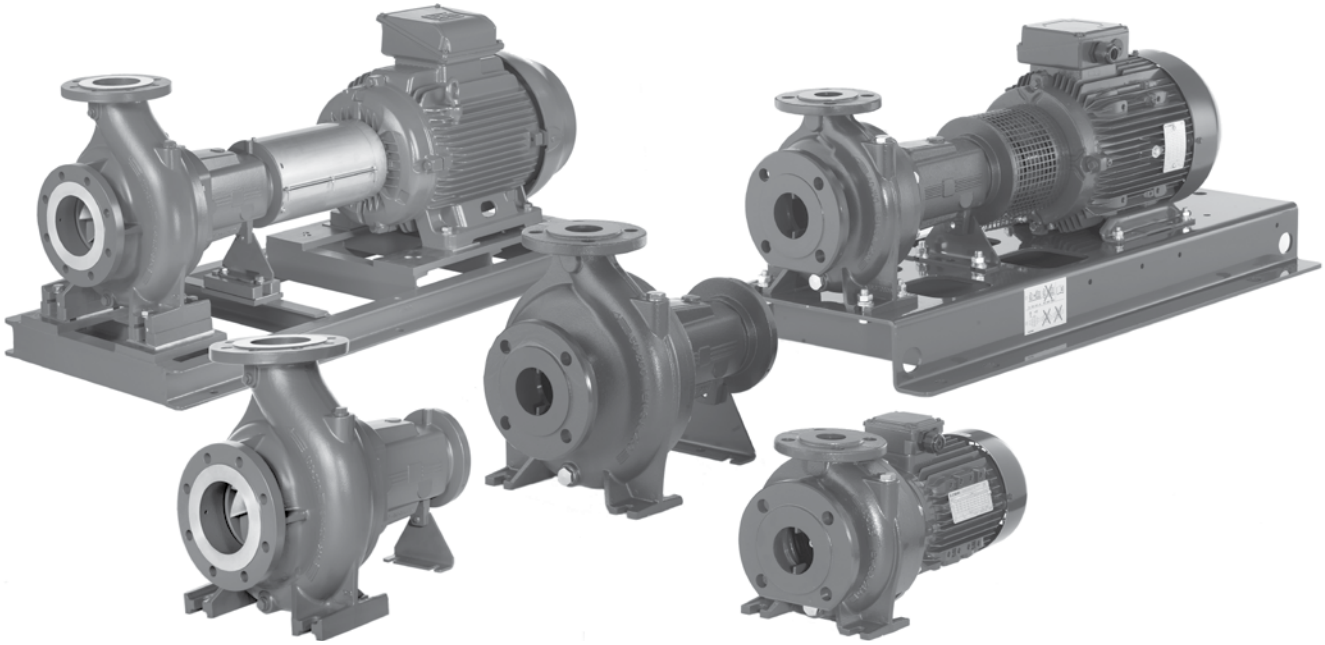
xylem
Let's Solve Water

60 Hz



e-NSC Series

HORIZONTAL CENTRIFUGAL ELECTRIC PUMPS EQUIPPED WITH IE3 MOTORS

GOULDS WATER TECHNOLOGY
a xylem brand

Cod. 191012831 Rev. C Ed.05/2019

Xylect

Xylect is a pump solution software with an extensive online database of product information across the entire range of pumps and related products, with multiple search options and helpful project management facilities. The system holds up-to-date product information on thousands of products and accessories.

Xylect can be available:

On the website – www.xylect.com



For more information, please, see page 191-192.

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GOULDS WATER TECHNOLOGY
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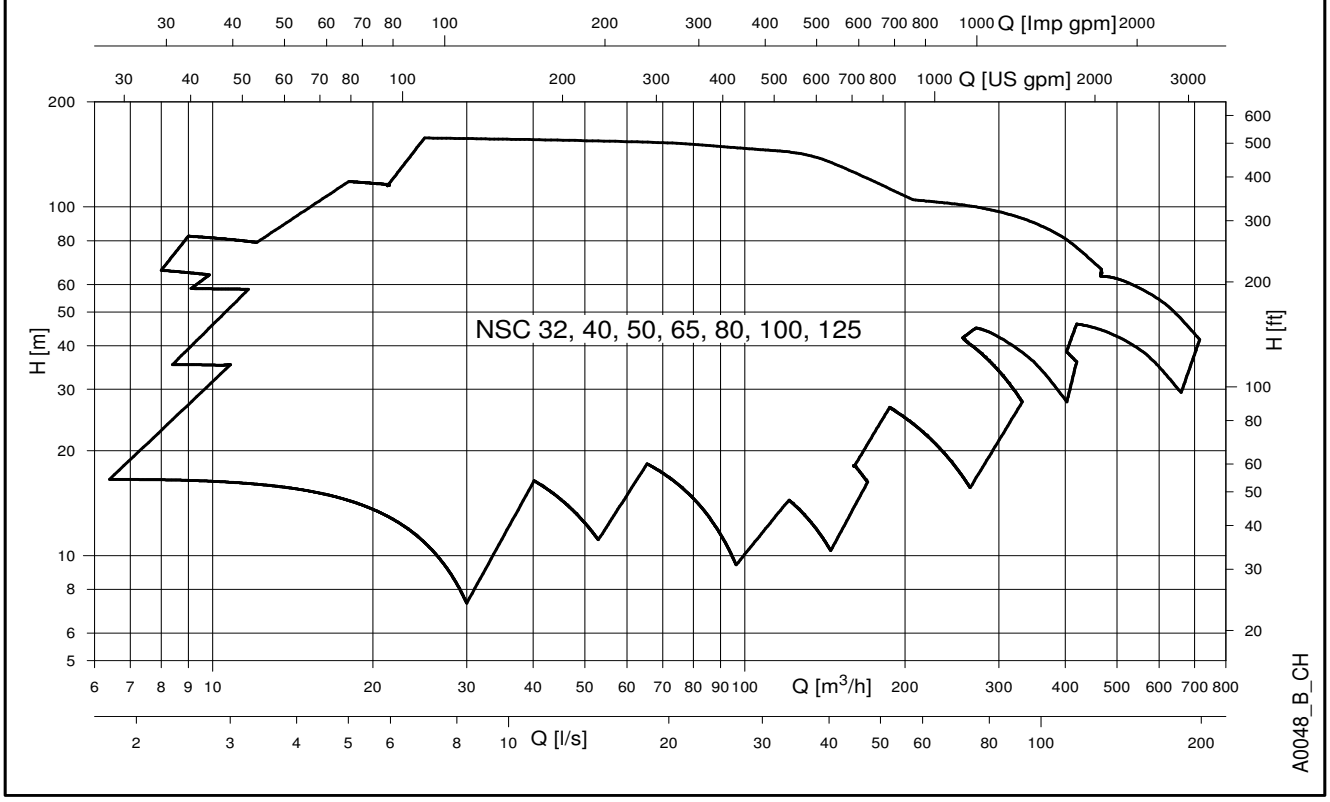
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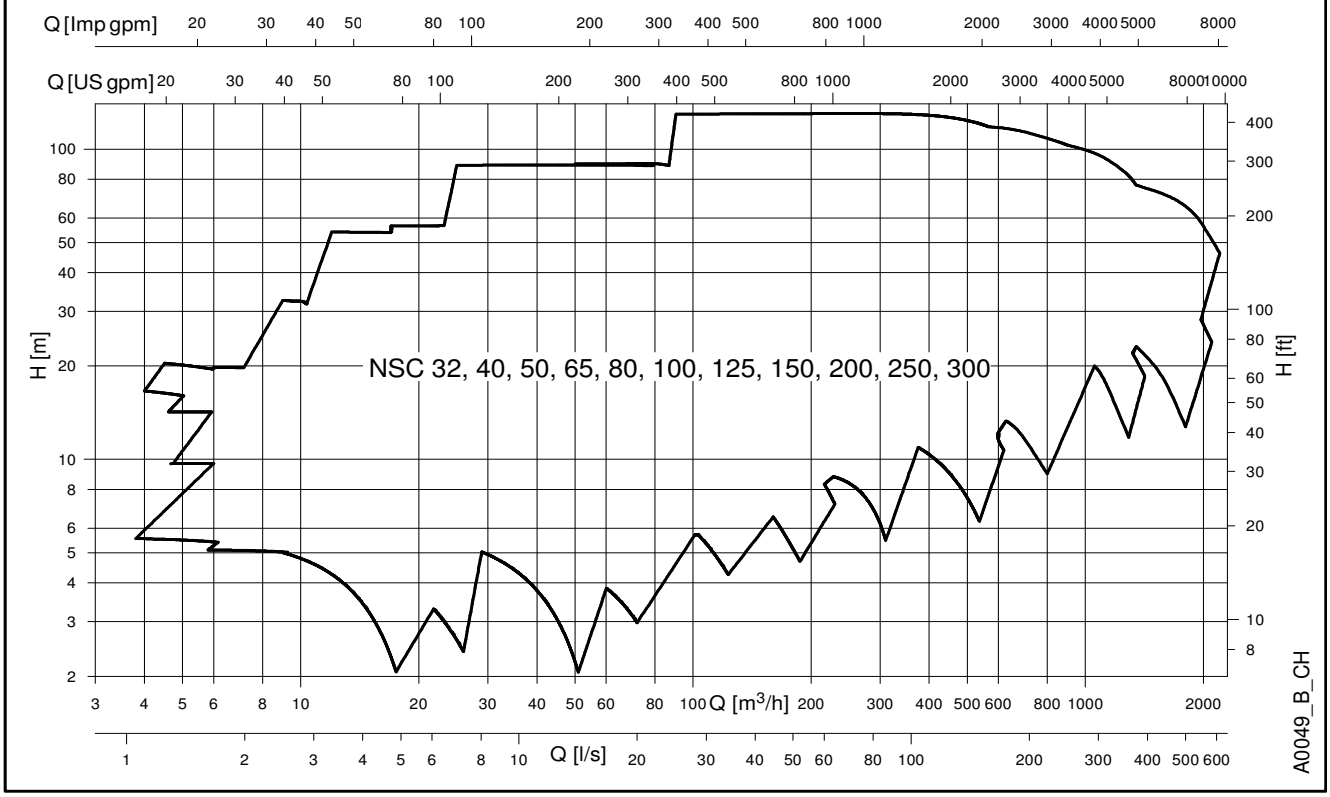
e-NSC SERIES
HYDRAULIC PERFORMANCE RANGE AT 60 Hz, 2 POLES

NSC	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B



HYDRAULIC PERFORMANCE RANGE AT 60 Hz, 4 POLES

NSC	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B



GOULDS WATER TECHNOLOGY
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e-NSC SERIES
GENERAL INTRODUCTION

The new **e-NSC** series is the result of the close collaboration between our customers and us; the new range has been redesigned and improved to meet the Commercial Building Services (CBS) requirements, in terms of performances and energy saving.
In addition the new **e-NSC** series can be customized to meet the needs of the Industry segment, keeping the quality in the production and the continuous reliability and robustness in the operation.

Pump design

The new **e-NSC** series is a centrifugal end-suction electro-pump with single-stage (except the two-stage NSC2 models), axial flanged suction port, radial flanged discharge and horizontal shaft. The **e-NSC** pumps have cast iron casing and impeller as standard but are also available in a wide range of materials, from bronze to duplex stainless steel, to allow for various pumping needs.
The pumps are equipped with interchangeable mechanical seals, IE3 efficiency motors, and are designed with a back pull-out configuration (impeller, adapter, and motor can be extracted without disconnecting the pump body from the piping system).
The **e-NSC** series pumps are available in the following constructions:

Extended shaft

Close-coupled by means of an adaptor bracket with an impeller keyed directly to the special motor shaft extension.



Stub shaft

Rigid-coupled with a bracket, an adaptor and a rigid coupling keyed to the standard motor shaft extension.



Frame mounted

Flexible-coupled with bracket, support, flexing coupling (special version with spacer on demand), aligning and anchoring base.



Bare shaft pump

Version without driver suitable to be coupled with a standard electric motor.



Hydraulic specifications

- Maximum delivery: up to **715** m³/h for 2 poles range.
  up to **2200** m³/h for 4 poles range.
- Maximum head: up to **155** m for 2 poles range.
  up to **130** m for 4 poles range.
- Hydraulic performance compliant with ISO 9906:2012 (Grade 3B).
- Fluid temperature range:
  - standard version (with mechanical seal BQ7EGG-WA and EPDM gasket) **-25** to **+120 °C**.
  - versions on request (depending on mechanical seal and gasket) **-20*** or **-25** to **+120** or **+140 °C**.
- Maximum operating pressure:
  - standard version with mechanical seal BQ7EGG-WA and cast iron casing: **16 bar** @ 90 °C and 10 bar @ 120 °C
  - version with other mechanical seal and casing of cast iron: **16 bar** @ 120 °C and 14,9 bar @ 140 °C
    cast ductile iron: **16 bar** @ 120 °C and 15,6 bar @ 140 °C
    stainless steel: **16 bar** @ 50 °C and 14,8 bar @ 140 °C
    duplex: **16 bar** @ 140 °C
  - NSC2 models with mechanical seal BQ7EGG-WA and cast iron casing: **12 bar** @ 110 °C and 10 bar @ 120 °C
  - see pages 21 to 24 for more information.

* Fluoro-elastomer: FPM (old ISO), FKM (ASTM & new ISO).

- Connection dimensions according to EN 733 for models 32-125/200, 40-125/250, 50-125/250, 65-125/315, 80-160/315, 100-200/400, 125-250/400,150-315/400

Motor specifications

- Squirrel cage in short circuit enclosed construction with external ventilation (TEFC).
- 2-pole and 4-pole ranges.
- **IP55** protection degree as motor (EN 60034-5), IPX5 as electro-pump (EN 60529).
- Performances according to EN 60034-1.
- **IE3** efficiency level (three-phase from 0,75 kW).
- **155 (F)** insulation class.
- Standard voltage:
  1 x 220-230 V 60 Hz.
  3 x 220-230/380-400 V 60 Hz.
  3 x 220/380 and 3 x 380/660 V 60 Hz.
- Maximum ambient temperature: 40 °C.

Note
- Anti-clockwise rotation when facing pump's suction port.
- Pump does not include counter-flanges.

List of the Directives	**and the main technical norms**
- Machinery Directive MD 2006/42/EC	EN 809, EN 60204-1 (safety) EN 1092-2 (cast and ductile iron flanges) EN 1092-1 (stainless steel and duplex flanges)
- Electromagnetic Compatibility Directive EMCD 2004/108/EC	EN 61000-6-1, EN 61000-6-3 IEC 60034-30, IEC 60034-30-1 (electric motors)

e-NSC SERIES
for COMMERCIAL BUILDING SERVICES (CBS)
APPLICATIONS & BENEFITS

Applications

The **e-NSC** series is suitable for many different applications demanding reliable and efficient products that require constant or variable duty points in cost saving operation.

The e-NSC Series can be used for the following CBS applications:



- **HVAC**
  - Liquid transfer in heating systems.
  - Liquid transfer in air-conditioning systems.
  - Liquid transfer in ventilation systems.

- **Water Supply**
  - Pressure boosting in commercial buildings.
  - Irrigation systems.
  - Water transfer for green houses.

- **Fire Fighting**

Benefits

The e-NSC Series permit to achieve the following benefits.

- **Performances**: the e-NSC pumps are equipped with IE3 motors and with the right hydraulic coverage for CBS applications. The standard full cast iron version with PN16 *, 140 °C * maximum fluid temperature and EPDM elastomer is exactly what the CBS Market needs.

- **Reliability**: the high quality in production, the robust construction and operation, the easily interchangeable mechanical seals, and wear rings guarantee a continuous operation without faults and a shorter down time for maintenance.

- **Versatility**: beside the standard offer, the e-NSC series is available in many different material configurations for casing, impeller, and elastomers as well as different construction methods to address a wide range of applications.

- **Total cost ownership**: the best hydraulic and electric efficiency, the easy and quick maintenance, permit to reduce the operation and maintenance cost and to save energy when the pump is working.

- **Potable water use**: All pumps equipped with standard mechanical seal are certified for drinking water use (ACS and D.M.174/04).

- **Pre-post sales support**: we are continuously working close to our customers to help them in selecting the right pump for the specific application. An improved user-friendly selection software improved with many selection tools is available on the website, on DVD or on Apps for mobile phones. Experienced engineers are fully dedicated to big projects for Municipality.

Features

- Discharge ports DN32 to DN300 *.
- Wide performance range up to 155 m head and 2200 m^3/h flow.
- Nominal pressure of 16 bar *.
- Wide range of temperatures for pumped liquids: -25°C to +140°C *.
- Wide range of materials for many different kinds of pumped liquid.
- Wide range of voltages.
- High performance IE3 motors.

* NSC2 models: PN12, 120 °C, suction 2", discharge 1¼".

e-NSC SERIES
for INDUSTRY
APPLICATIONS & BENEFITS

Applications

The e-NSC series and the different available configurations and standard options have been designed to cover a wide range of applications in the Industry segment. The e-NSC series can be installed in machines where compactness and high performances are a must or within industrial processes where the user looks for a robust and reliable design for the handling of many different liquids.



The e-NSC series can be used for the following Industry applications:

- **Process**
  - Process cooling
  - Process heating
  - Heat recovery
- **Water Supply**
  - Water boosting
  - Water treatment
  - Washing and cleaning

Benefits

The e-NSC Series permit to achieve the following benefits:

- **Efficiency**: new designed high efficiency hydraulics, IE3 motors, sets the basis for very low operation costs.
- **Reliability**: various mechanical seal materials and options are available to meet the exact needs of your specific application. The e-NSC is also designed for easy maintenance and all service points are easily reachable to reduce downtime.
- **Know How**: the perfect configuration for an application can be made with the selection tool or with the support of our industrial experienced employees.
- **A global platform**: the e-NSC series are assembled in different factories across the world to make the e-NSC always "closer" to our customer. Beyond our commitment to reduce the carbon footprint of e-NSC, this global platform secures the availability of the same design with the same quality processes everywhere.

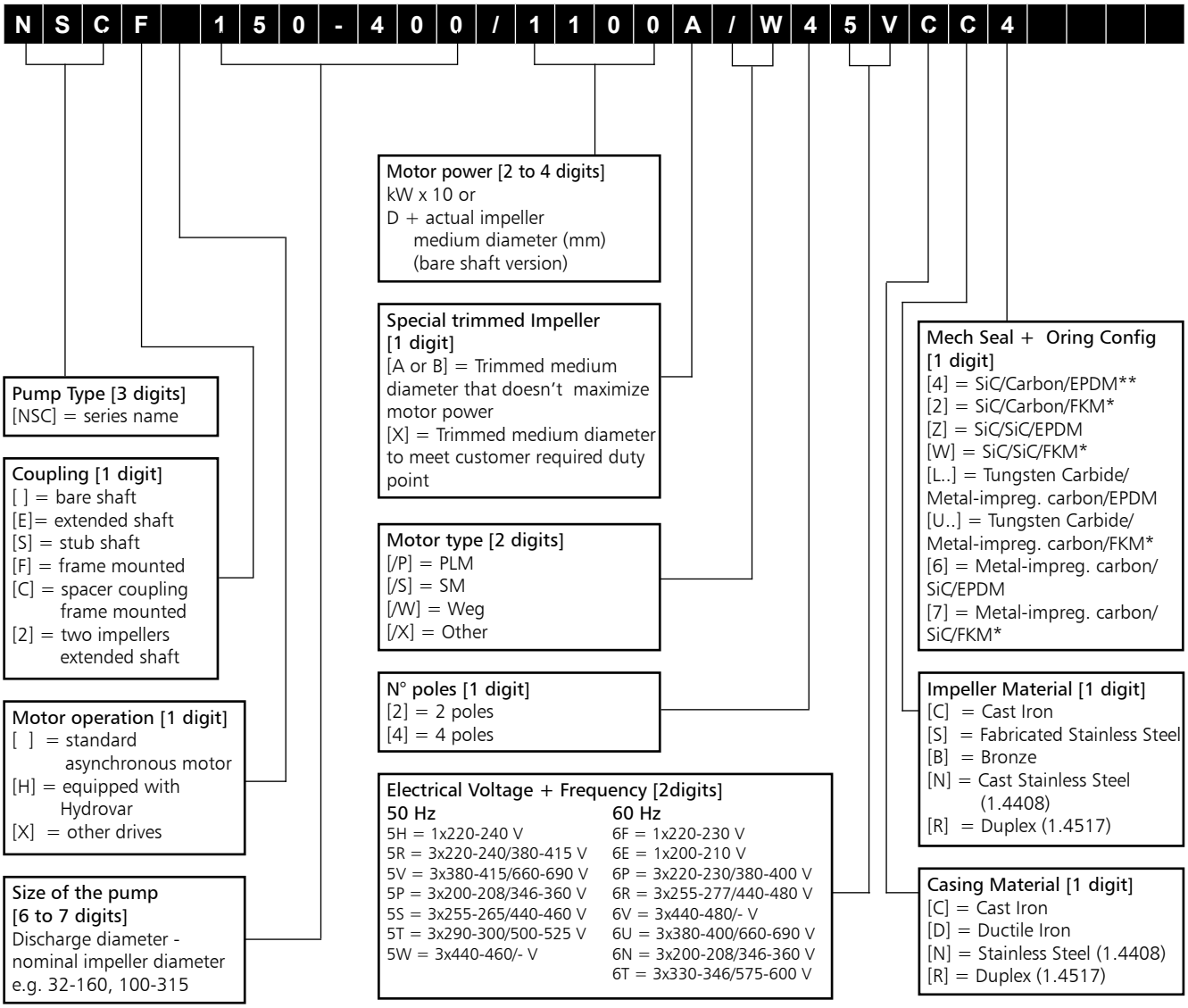
Features

- Discharge ports DN32 to DN300 *.
- Wide performance range up to 155 m head and 2200 m^3/h flow.
- Nominal pressure of 16 bar *.
- Wide range of temperatures for pumped liquids: -25°C to +140°C *.
- Wide range of materials for many different kinds of pumped liquid.
- Wide range of voltages.
- High performance IE3 motors.

* NSC2 models: PN12, 120 °C, suction 2", discharge 1¼".

GOULDS WATER TECHNOLOGY
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e-NSC SERIES
IDENTIFICATION CODE



* = FPM (old ISO), FKM (ASTM & new ISO)
** [4] = SiC/Metal-impreg. carbon/EPDM for RR version

EXAMPLES

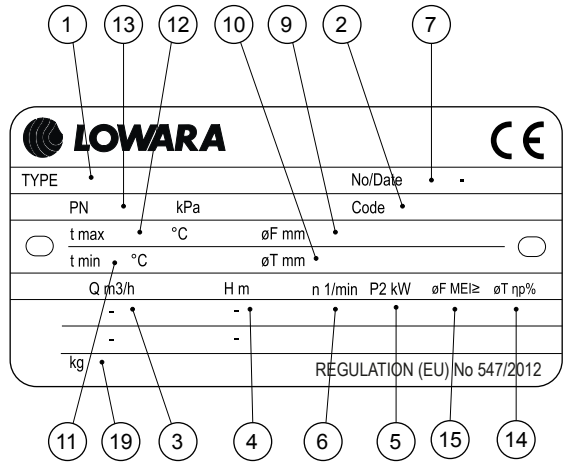
NSCS 100-250/900/W26UCC4
End-suction, electric pump with stub shaft coupling, DN 100 nominal discharge port, 250 mm nominal impeller diameter, 90 kW rated motor power,WEG IE3 model, 2-pole, 60 Hz 380-400/660-690 V, cast iron casing, cast iron impeller, Silicon carbide/Carbon/EPDM mechanical seal.

NSCF 150-400/1100/W46UCC4
End-suction, electric pump with frame mounted coupling, DN 150 nominal discharge port, 400 mm nominal impeller diameter, 110 kW rated motor power, WEG IE3 model, 4-pole, 60 Hz 380-400/660-690 V, cast iron casing, cast iron impeller, Silicon carbide/Carbon/EPDM mechanical seal.

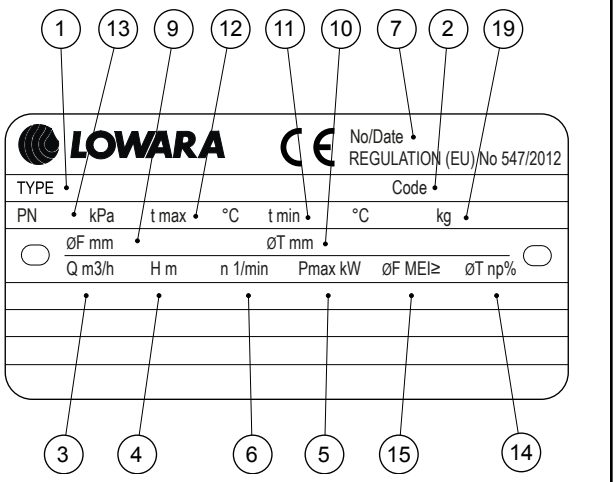
NSC 150-400/D423CC4
End-suction, bare shaft pump, DN 150 nominal discharge port, 400 mm nominal impeller diameter, 423 mm actual impeller medium diameter, cast iron casing, cast iron impeller, Silicon carbide/ Silicon carbide/Carbon/EPDM mechanical seal.

e-NSC SERIES
RATING PLATE

ELECTRIC PUMP



PUMP ONLY (NSC)



LEGEND

1 - Electric pump unit type
2 - Electric pump unit code
3 - Flow range
4 - Head range
5 - Nominal or maximum pump power
6 - Speed
7 - Serial number, or
order number + order position number
9 - Full impeller diameter (only filled in for trimmed impellers)
10 - Trimmed impeller diameter (only filled in for trimmed impellers)
11 - Minimum operating liquid temperature
12 - Maximum operating liquid temperature
13 - Maximum operating pressure
14 - Hydraulic efficiency in best efficiency point (only 50 Hz)
15 - Minimum efficiency index MEI, as per Regulation (EU) No 547/2012 (only 50 Hz)
19 - Weight

LEGEND

1 - Pump type
2 - Pump code
3 - Flow range
4 - Head range
5 - Maximum absorbed pump power
6 - Speed
7 - Serial number, or
order number + order position number
9 - Full impeller diameter (only filled in for trimmed impellers)
10 - Trimmed impeller diameter (only filled in for trimmed impellers)
11 - Minimum operating liquid temperature
12 - Maximum operating liquid temperature
13 - Maximum operating pressure
14 - Hydraulic efficiency in best efficiency point (only 50 Hz)
15 - Minimum efficiency index MEI, as per Regulation (EU) No 547/2012 (only 50 Hz)
19 - Weight

Note for electric pump unit: refer to motor data plate for electrical data.

GOULDS WATER TECHNOLOGY
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e-NSC SERIES
LIST OF MODELS AT 60 Hz, 2 POLES

SIZE NSC..2	kW	VERSION				
		NSC2	NSCE	NSCS	NSCF	NSCC
32-125/15(*)	1,5	-	●	●	●	●
32-125/22(*)	2,2	-	●	●	●	●
32-125/30	3	-	●	●	●	●
32-125/40	4	-	●	●	●	●
32-125/55	5,5	-	●	●	●	●
32-160/40	4	-	●	●	●	●
32-160/55	5,5	-	●	●	●	●
32-160/75	7,5	-	●	●	●	●
32-160/92	9,2	-	●	–	–	–
32-160/110A	11	-	–	●	●	●
32-200/75	7,5	-	●	●	●	●
32-200/92	9,2	-	●	–	–	–
32-200/110A	11	-	–	●	●	●
32-200/110	11	–	●	●	●	●
32-250/55	5,5	●	–	–	–	–
32-250/75	7,5	●	–	–	–	–
32-250/110	11	–	●	●	●	●
32-250/150	15	-	●	●	●	●
32-250/185	18,5	-	●	●	●	●
32-250/220	22	-	●	●	●	●
40-125/30	3	-	●	●	●	●
40-125/40	4	-	●	●	●	●
40-125/55	5,5	-	●	●	●	●
40-125/75	7,5	-	●	●	●	●
40-160/55	5,5	-	●	●	●	●
40-160/75	7,5	-	●	●	●	●
40-160/92	9,2	-	●	–	–	–
40-160/110A	11	-	–	●	●	●
40-160/110	11	-	●	●	●	●
40-200/92	9,2	-	●	–	–	–
40-200/110A	11	-	–	●	●	●
40-200/110	11	-	●	●	●	●
40-200/150	15	-	–	●	●	●
40-200/185	18,5	-	–	●	●	●
40-250/185	18,5	-	●	●	●	●
40-250/220	22	-	●	●	●	●
40-250/300	30	-	–	●	●	●
40-250/370	37	-	–	●	●	●
50-125/55	5,5	-	●	●	●	●
50-125/75	7,5	-	●	●	●	●
50-125/92	9,2	-	●	–	–	–
50-125/110A	11	-	–	●	●	●
50-125/110	11	-	●	●	●	●
50-160/92	9,2	-	●	–	–	–
50-160/110A	11	-	–	●	●	●
50-160/110	11	-	●	●	●	●
50-160/150	15	-	–	●	●	●
50-160/185	18,5	-	–	●	●	●
50-200/185	18,5	-	●	●	●	●
50-200/220	22	-	●	●	●	●
50-200/300	30	-	–	●	●	●

SIZE NSC..2	kW	VERSION			
		NSCE	NSCS	NSCF	NSCC
50-250/220	22	●	●	●	●
50-250/300	30	–	●	●	●
50-250/370	37	–	●	●	●
50-315/550	55	–	●	●	●
50-315/750	75	–	●	●	●
65-125/75	7,5	●	●	●	●
65-125/92	9,2	●	–	–	–
65-125/110A	11	–	●	●	●
65-125/110	11	●	●	●	●
65-160/150	15	●	●	●	●
65-160/185	18,5	●	●	●	●
65-160/220	22	●	●	●	●
65-160/300	30	–	●	●	●
65-200/220	22	●	●	●	●
65-200/300	30	–	●	●	●
65-200/370	37	–	●	●	●
65-250/450	45	–	●	●	●
65-250/550	55	–	●	●	●
65-250/750	75	–	●	●	●
65-315/750	75	–	●	●	●
65-315/900	90	–	●	●	●
65-315/1100	110	–	–	●	●
80-160/185	18,5	●	●	●	●
80-160/220	22	●	●	●	●
80-160/300	30	–	●	●	●
80-160/370	37	–	●	●	●
80-200/450	45	–	●	●	●
80-200/550	55	–	●	●	●
80-200/750	75	–	●	●	●
80-250/550	55	–	●	●	●
80-250/750	75	–	●	●	●
100-160/300	30	–	●	●	●
100-160/370	37	–	●	●	●
100-160/450	45	–	●	●	●
100-160/550	55	–	●	●	●
100-200/550	55	–	●	●	●
100-200/750	75	–	●	●	●
100-200/900	90	–	●	●	●
100-200/1100	110	–	–	●	●
100-250/900	90	–	●	●	●
100-250/1100	110	–	–	●	●
125-200/750	75	–	●	●	●
125-200/900	90	–	●	●	●
125-200/1100	110	–	–	●	●

(*) Models available also in single-phase version.

● = Available

Nsc1_models-2p60-en_a_sc

NSC2 : Two impellers Extended shaft.
NSCE : Extended shaft.
NSCS : Stub shaft.
NSCF : Frame mounted.
NSCC : Frame mounted with spacer coupling.

GOULDS WATER TECHNOLOGY
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e-NSC SERIES
LIST OF MODELS AT 60 Hz, 4 POLES

SIZE NSC..4	kW	VERSION				
		NSC2	NSCE	NSCS	NSCF	NSCC
32-125/02	0,25	-	•	–	•	•
32-125/03	0,37	-	•	–	•	•
32-125/05	0,55	-	•	•	•	•
32-125/07	0,75	-	•	•	•	•
32-160/05	0,55	-	•	•	•	•
32-160/07	0,75	-	•	•	•	•
32-160/11	1,1	-	•	•	•	•
32-200/11	1,1	-	•	•	•	•
32-200/15	1,5	-	•	•	•	•
32-200/22	2,2	-	–	•	•	•
32-250/11A	1,1	•	–	–	–	–
32-250/11	1,1	•	–	–	–	–
32-250/22	2,2	–	•	•	•	•
32-250/30A	3	–	•	•	•	•
32-250/30	3	–	•	•	•	•
32-250/40	4	-	•	•	•	•
40-125/03	0,37	-	•	–	•	•
40-125/05	0,55	-	•	•	•	•
40-125/07	0,75	-	•	•	•	•
40-125/11	1,1	-	•	•	•	•
40-160/07	0,75	-	•	•	•	•
40-160/11	1,1	-	•	•	•	•
40-160/15A	1,5	-	•	•	•	•
40-160/15	1,5	-	•	•	•	•
40-200/15	1,5	-	•	•	•	•
40-200/22	2,2	-	–	•	•	•
40-200/30	3	-	–	•	•	•
40-250/22	2,2	-	•	•	•	•
40-250/30	3	-	•	•	•	•
40-250/40	4	-	•	•	•	•
40-250/55	5,5	-	•	•	•	•
50-125/07	0,75	-	•	•	•	•
50-125/11A	1,1	-	•	•	•	•
50-125/11	1,1	-	•	•	•	•
50-125/15	1,5	-	•	•	•	•
50-160/11	1,1	-	•	•	•	•
50-160/15	1,5	-	•	•	•	•
50-160/22	2,2	-	–	•	•	•
50-160/30	3	-	–	•	•	•
50-200/22	2,2	-	•	•	•	•
50-200/30A	3	-	•	•	•	•
50-200/30	3	-	•	•	•	•
50-200/40	4	-	•	•	•	•
50-250/40	4	-	•	•	•	•
50-250/55	5,5	-	•	•	•	•
50-250/75	7,5	-	•	•	•	•

SIZE NSC..4	kW	VERSION			
		NSCE	NSCS	NSCF	NSCC
50-315/75	7,5	–	•	•	•
50-315/110	11	–	•	•	•
50-315/150	15	–	•	•	•
65-125/11A	1,1	•	•	•	•
65-125/11	1,1	•	•	•	•
65-125/15	1,5	•	•	•	•
65-125/22	2,2	–	•	•	•
65-160/22A	2,2	•	•	•	•
65-160/22	2,2	•	•	•	•
65-160/30	3	•	•	•	•
65-160/40	4	•	•	•	•
65-200/30	3	•	•	•	•
65-200/40	4	•	•	•	•
65-200/55A	5,5	•	•	•	•
65-200/55	5,5	•	•	•	•
65-200/75	7,5	•	•	•	•
65-250/110A	11	–	•	•	•
65-250/110	11	–	•	•	•
65-315/110	11	–	•	•	•
65-315/150	15	–	•	•	•
65-315/185	18,5	–	•	•	•
65-315/220	22	–	•	•	•
80-160/22	2,2	•	•	•	•
80-160/30	3	•	•	•	•
80-160/40	4	•	•	•	•
80-160/55	5,5	•	•	•	•
80-200/55	5,5	–	•	•	•
80-200/75	7,5	–	•	•	•
80-200/110	11	–	•	•	•
80-250/75	7,5	–	•	•	•
80-250/110A	11	–	•	•	•
80-250/110	11	–	•	•	•
80-250/150	15	–	•	•	•
80-315/150	15	–	•	•	•
80-315/185	18,5	–	•	•	•
80-315/220	22	–	•	•	•
80-315/300	30	–	•	•	•
80-315/370	37	–	–	•	•
80-400/370	37	–	•	•	•
80-400/450	45	–	•	•	•
80-400/550	55	–	•	•	•
80-400/750	75	–	•	•	•

• = Available

Nsc1_models-4p60-en_b_sc

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
LIST OF MODELS AT 60 Hz, 4 POLES

SIZE	kW	VERSION			
NSC..4		NSCE	NSCS	NSCF	NSCC
100-160/40	4	-	•	•	•
100-160/55	5,5	-	•	•	•
100-160/75	7,5	-	•	•	•
100-200/55	5,5	-	•	•	•
100-200/75	7,5	-	•	•	•
100-200/110	11	-	•	•	•
100-200/150	15	-	•	•	•
100-250/110	11	-	•	•	•
100-250/150	15	-	•	•	•
100-250/185	18,5	-	•	•	•
100-315/220	22	-	•	•	•
100-315/300	30	-	•	•	•
100-315/370	37	-	-	•	•
100-315/450	45	-	-	•	•
100-400/450	45	-	•	•	•
100-400/550	55	-	•	•	•
100-400/750	75	-	•	•	•
125-200/75	7,5	-	•	•	•
125-200/110	11	-	•	•	•
125-200/150	15	-	•	•	•
125-200/185	18,5	-	•	•	•
125-250/150	15	-	•	•	•
125-250/185	18,5	-	•	•	•
125-250/220	22	-	•	•	•
125-250/300	30	-	•	•	•
125-315/300	30	-	•	•	•
125-315/370	37	-	•	•	•
125-315/450	45	-	•	•	•
125-315/550	55	-	•	•	•
125-315/750	75	-	•	•	•
125-400/550	55	-	•	•	•
125-400/750	75	-	•	•	•
125-400/900	90	-	•	•	•
125-400/1100	110	-	-	•	•
150-200/150	15	-	•	•	•
150-200/185	18,5	-	•	•	•
150-200/220	22	-	•	•	•
150-200/300	30	-	•	-	-
150-250/220	22	-	•	•	•
150-250/300	30	-	•	•	•
150-250/370	37	-	•	•	•
150-250/450	45	-	•	•	•
150-315/450	45	-	•	•	•
150-315/550	55	-	•	•	•
150-315/750	75	-	•	•	•
150-315/900	90	-	•	•	•
150-400/750	75	-	•	•	•
150-400/900	90	-	•	•	•
150-400/1100	110	-	-	•	•
150-500/1600	160	-	-	•	•
150-500/2000	200	-	-	•	•
150-500/2500	250	-	-	•	•
150-500/3150	315	-	-	•	•

SIZE	kW	VERSION			
NSC..4		NSCE	NSCS	NSCF	NSCC
200-250/300	30	-	•	•	•
200-250/370	37	-	•	•	•
200-250/450	45	-	•	•	•
200-250/550	55	-	•	•	•
200-315/550	55	-	•	•	•
200-315/750	75	-	•	•	•
200-315/900	90	-	•	•	•
200-315/1100	110	-	-	•	•
200-400/1100	110	-	-	•	•
200-400/1320	132	-	-	•	•
200-400/1600	160	-	-	•	•
200-400/2000	200	-	-	•	•
200-400/2500	250	-	-	•	•
200-500/2500	250	-	-	•	•
200-500/3150A	315	-	-	•	•
200-500/3150	315	-	-	•	•
200-500/3550	355	-	-	•	•
250-315/750	75	-	-	•	•
250-315/900	90	-	-	•	•
250-315/1100	110	-	-	•	•
250-400/1320	132	-	-	•	•
250-400/1600	160	-	-	•	•
250-400/2000	200	-	-	•	•
250-400/2500	250	-	-	•	•
250-400/3150	315	-	-	•	•
250-500/3150	315	-	-	•	•
250-500/3550	355	-	-	•	•
250-500/4000	400	-	-	•	•
300-350/1100	110	-	-	•	•
300-350/1320	132	-	-	•	•
300-350/1600	160	-	-	•	•
300-350/2000	200	-	-	•	•
300-400/2000	200	-	-	•	•
300-400/2500	250	-	-	•	•
300-400/3150	315	-	-	•	•
300-400/3550	355	-	-	•	•
300-400/4000	400	-	-	•	•

• = Available

Nsc2_models-4p60-en_a_sc

SERIE e-NSC
AVAILABLE MATERIALS

Various material configurations are available to fit the needs of different pumped mediums and applications requirements.
Below are the specifics regarding the material configurations and their availability for the different pump sizes.
The material identification codes are the same used in the pump description (see page 8)

MATERIAL CONFIGURATION

COMPONENTS	CS	CC/DC	CB/DB	CN/DN	NN	RN	RR
Volute casing	Cast iron	Cast iron/Ductile iron			Stainless steel	Duplex	Duplex
Impeller	Stainless steel	Cast iron	Bronze	Stainless steel	Stainless steel		Duplex
Casing cover	Cast iron	Cast iron/Ductile iron			Stainless steel	Duplex	Duplex
Stub shaft	Stainless steel				Duplex		
Wear ring	Stainless steel				Duplex		
Impeller lock nut and washer	Stainless steel						Duplex
Impeller key	Stainless steel						Duplex
Fill and drain plugs	Stainless steel					Duplex	
Motor adapter	Cast iron						

Stub shaft and wear rings in Duplex are available as an option for all pump sizes.
For further informations, see the pages 15-21.

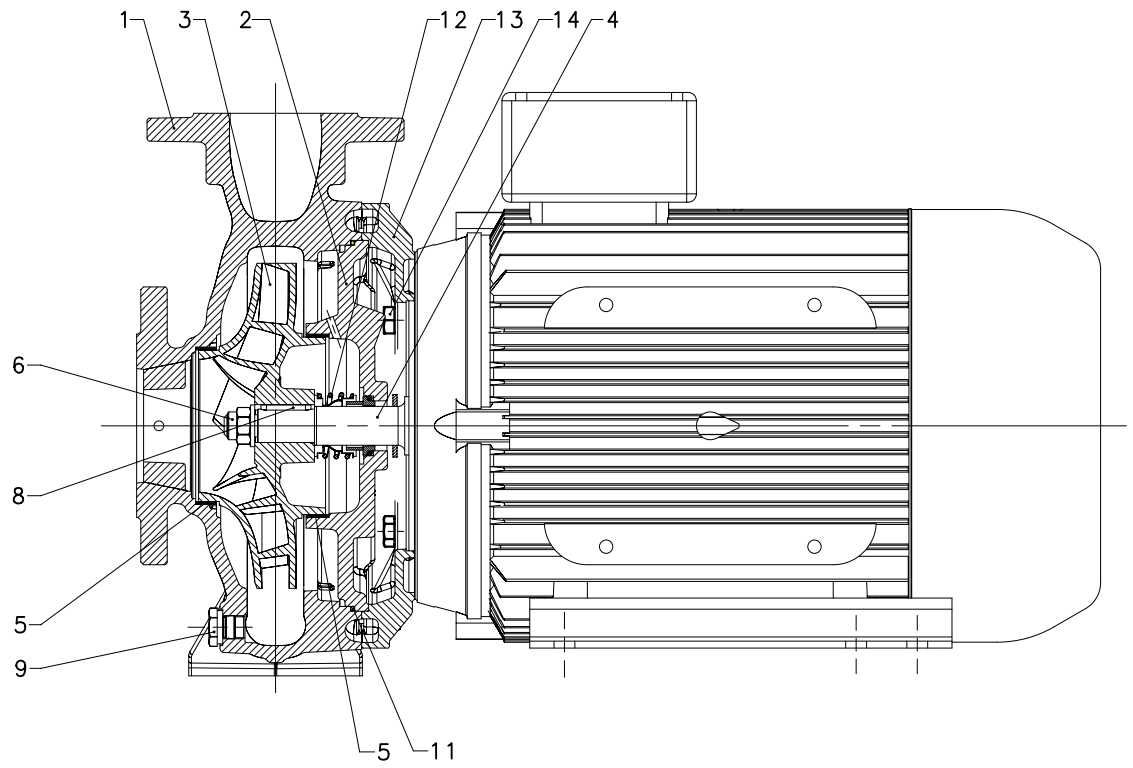
Nsc_configs-en_a_tm

AVAILABLE MATERIALS FOR CASING AND IMPELLER PER PUMP SIZE

DISCHARGE SIZE	IMPELLER SIZE						
	125	160	200	250	315 / 316	400	500
32	CS	CS	CS	CS			
40	CS	CS	CS	CS			
50	CS	CS	CS	CS	CC-CB-CN NN-RR		
65	CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR		
80		CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	
100		CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	
125			CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	
150			CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	CC-CB-CN NN-RR	DC-DB-DN RN-RR
200				DC-DB-DN RN-RR	DC-DB-DN RN-RR	DC-DB-DN RN-RR	DC-DB-DN RN-RR
250					DC-DB-DN RN-RR	DC-DB-DN RN-RR	DC-DB-DN RN-RR
300					DC-DB-DN RN-RR	DC-DB-DN RN-RR	DC-DB-DN RN-RR

Nsc_models-en_b_tm

NSCE SERIES
ELECTRIC PUMP CROSS-SECTION AND MAIN COMPONENTS



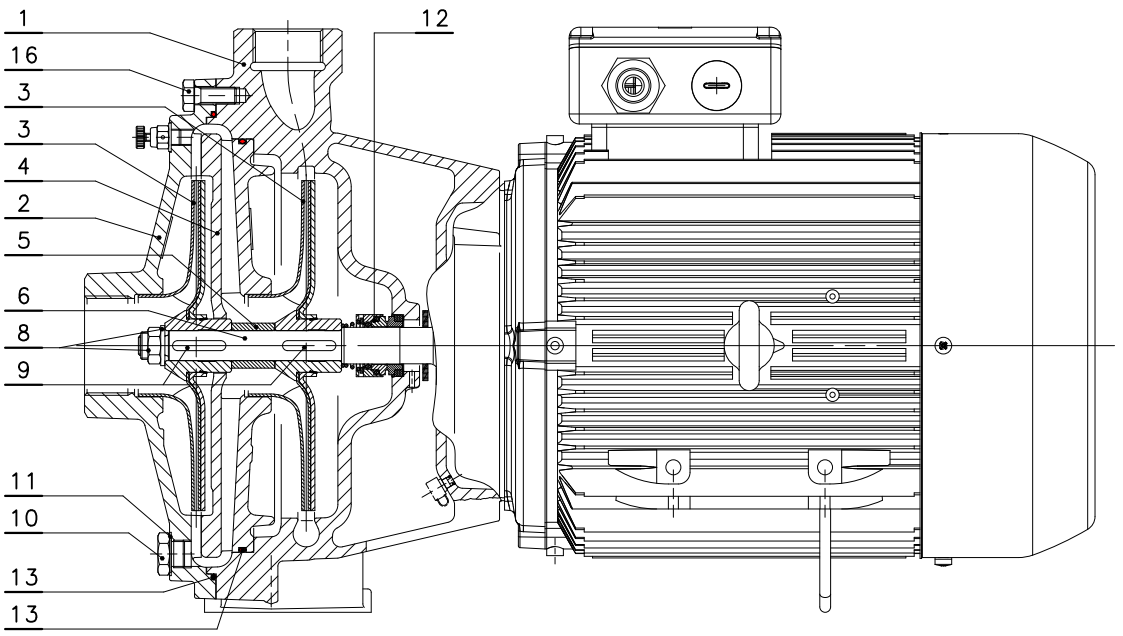
NSCE_A_DS

REF. N.	PART	MATERIAL	REFERENCE STANDARDS	
			EUROPE	USA
1	Volute casing	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
2	Casing cover	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
3	Impeller (32, 40, 50)	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
	Impeller (65, 80)	Cast iron	EN 1561 - GJL-200 (JL1030)	ASTM Class 30
		Bronze	EN 1982 - CuSn10-C (CC480K)	UNS C90700
		Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
4	Shaft extension	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
5	Wear ring	Stainless steel	EN 10088-X5CrNi18-10 (1.4301)	AISI 304
6	Impeller lock nut and washer	Stainless steel	EN 10088-X5CrNi18-10 (1.4301)	AISI 304
8	Impeller key	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
9	Fill and drain plugs	Stainless steel	EN 10088-3-X8CrNiS18-9 (1.4305)	AISI 303
11	O-Ring	EPDM (standard version)		
12	Mechanical seal	Carbon / Silicon carbide / EPDM (standard version)		
13	Motor adapter *	Aluminium	EN 1706-AC-AlSi11Cu2 (Fe) (AC46100)	-
	Motor adapter	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
14	Volute casing fastening bolts and screws	Galvanized steel		

* 2/4 pole: 32/40/50-125, 32/40-160

Nsce-en_c_tm

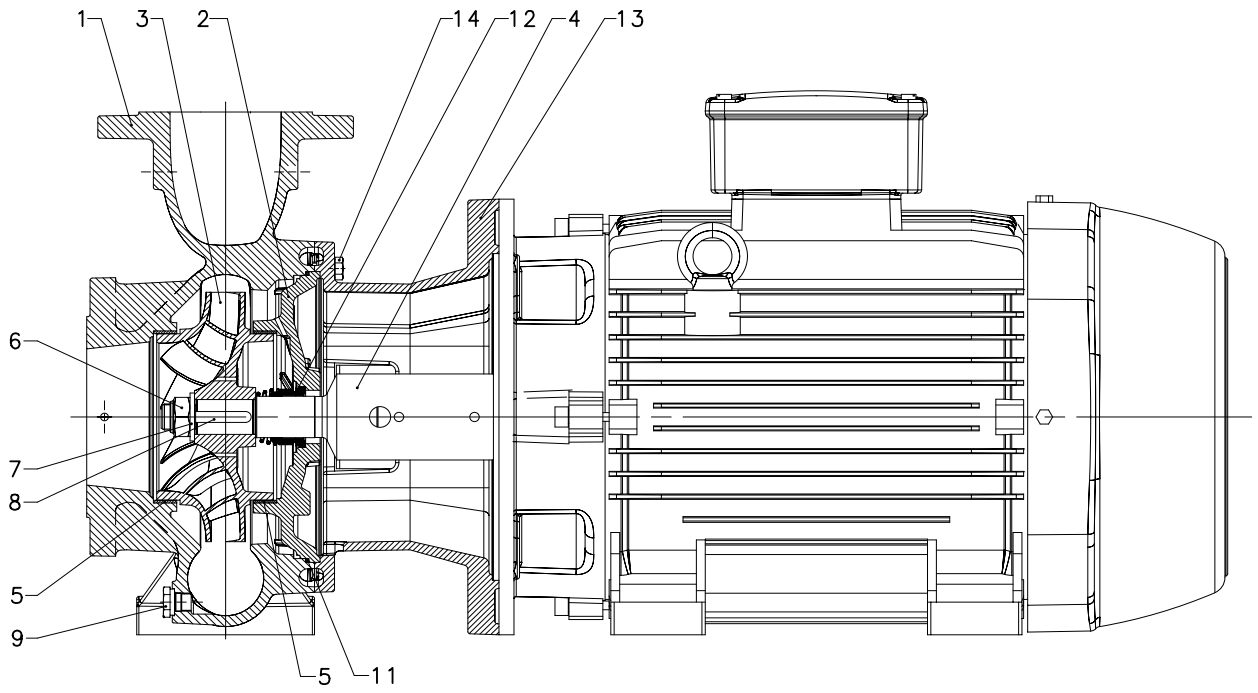
NSC2 SERIES
ELECTRIC PUMP CROSS-SECTION AND MAIN COMPONENTS



REF. N.	PART	MATERIAL	REFERENCE STANDARDS	
			EUROPE	USA
1	Pump body	Cast iron	EN 1561-GJL-200 (JL1030)	ASTM Class 25
2	Suction flange	Cast iron	EN 1561-GJL-200 (JL1030)	ASTM Class 25
3	Impeller	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
4	Diffuser	Cast iron	EN 1561-GJL-200 (JL1030)	ASTM Class 25
5	Impeller spacer	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
6	Shaft extension	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
8	Impeller lock nut and washer	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
9	Tab	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
10	Fill and drain plugs	Stainless steel	EN 10088-3-X8CrNiS18-9 (1.4305)	AISI 303
11	Fill and drain plugs seals	EPDM (standard version)		
12	Mechanical seal	Carbon / Silicon carbide / EPDM (standard version)		
13	O-Ring	EPDM (standard version)		
16	Pump body fastening bolts and screws	Galvanized steel		

Nsc2-en_b_tm

NSCS SERIES
ELECTRIC PUMP CROSS-SECTION AND MAIN COMPONENTS



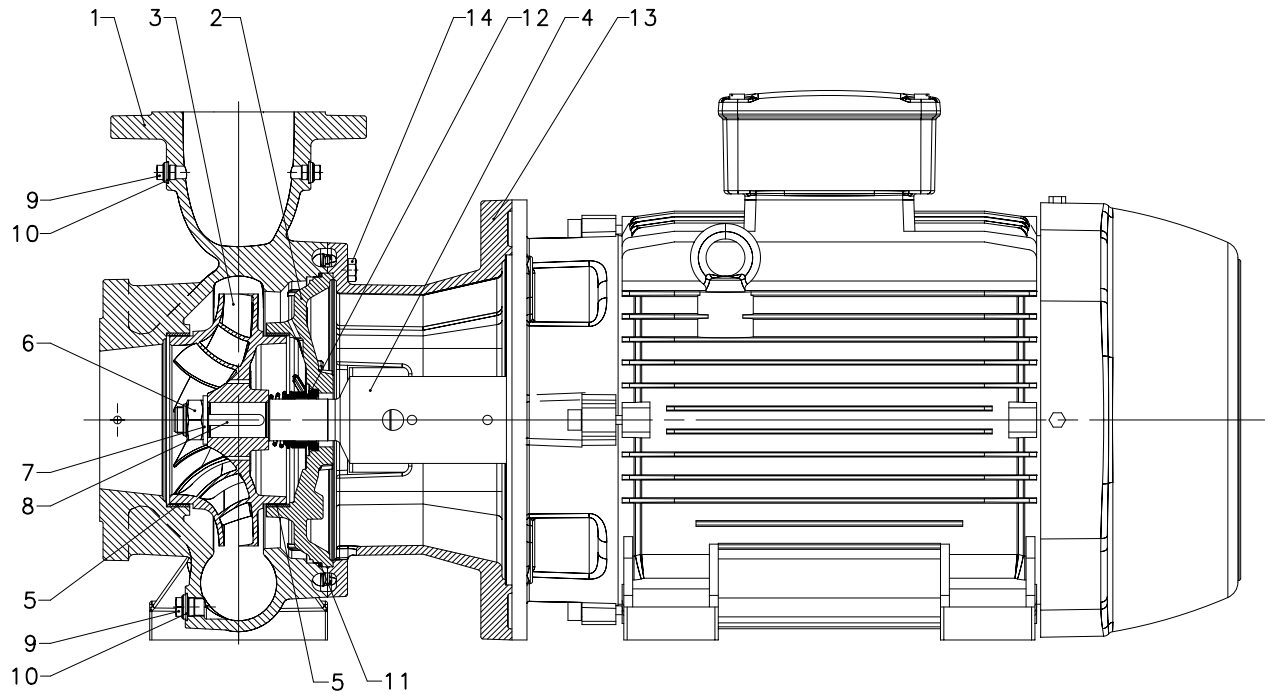
PUMP SIZE				
32-125	40-125	50-125	65-125	80-160
32-160	40-160	50-160	65-160	80-200
32-200	40-200	50-200	65-200	80-250
32-250	40-250	50-250	65-250	

NSCS32-80_A_DS

REF. N.	PART	MATERIAL	REFERENCE STANDARDS	
			EUROPE	USA
1	Volute casing	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
	Volute casing (65, 80)	Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
2	Casing cover	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
	Casing cover (65, 80)	Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
3	Impeller (32, 40, 50)	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
	Impeller (65, 80)	Cast iron	EN 1561 - GJL-200 (JL1030)	ASTM Class 30
		Bronze	EN 1982 - CuSn10-C (CC480K)	UNS C90700
		Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
4	Stub shaft	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
	Stub shaft (65-250, 80-200, 80-250)	Stainless steel	EN 10088-1-X17CrNi16-2 (1.4057)	AISI 431
	Stub shaft (65, 80)	Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
5	Wear ring	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
	Wear ring (65, 80)	Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
6	Impeller lock nut and washer	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
	Impeller lock nut and washer (65, 80)	Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
8	Impeller key	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
	Impeller key (65, 80)	Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
9	Fill and drain plugs	Stainless steel	EN 10088-3-X8CrNiS18-9 (1.4305)	AISI 303
	Fill and drain plugs (65, 80)	Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
11	O-Ring	EPDM (versione standard)		
12	Mechanical seal	Carbon / Silicon carbide / EPDM (standard version)		
13	Mechanical seal (65, 80)	Antimony impregnated carbon / Silicon carbide / EPDM (duplex version)		
13	Adapter *	Aluminium	EN 1706-AC-AlSi11Cu2 (Fe) (AC46100)	-
	Adapter	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
	Motor adapter	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
14	Volute casing fastening bolts and screws	Galvanized steel		
	Volute casing fastening bolts and screws	Stainless steel	A4 (~ 1.4401)	

* 2/4 pole: 32/40/50-125, 32/40-160

NSCS SERIES
ELECTRIC PUMP CROSS-SECTION AND MAIN COMPONENTS



PUMP SIZE					
50-315	65-315	80-316	80-315	80-400	100-160
100-200	100-250	100-315	100-316	100-400	125-200
125-250	125-315	125-400	150-200	150-250	150-315
150-400	200-250	200-315	250-315		

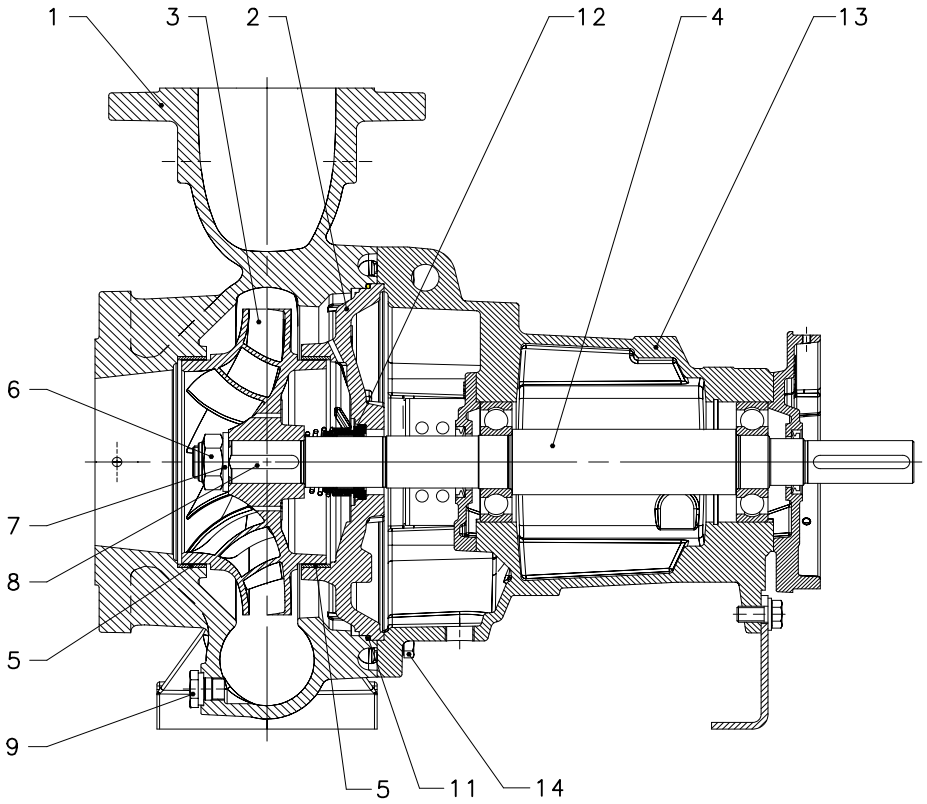
NSCS100-200_A_DS

REF. N.	PART	MATERIAL	REFERENCE STANDARDS	
			EUROPE	USA
1	Volute casing	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
		Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
	Volute casing (200-250, 200-315, 250-315)	Cast ductile iron	EN 1563 - EN-GJS400-15 (EN-JS1030)	ASTM A536 40-60-18
2	Casing cover	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
		Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
	Casing cover (200-250, 200-315, 250-315)	Cast ductile iron	EN 1563 - EN-GJS400-15 (EN-JS1030)	ASTM A536 40-60-18
3	Impeller	Cast iron	EN 1561 - GJL-200 (JL1030)	ASTM Class 30
		Bronzo	EN 1982 - CuSn10-C (CC480K)	UNS C90700
		Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
4	Stub shaft	Stainless steel	EN 10088-1-X17CrNi16-2 (1.4057)	AISI 431
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
5	Wear ring	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
6	Impeller nut	Stainless steel	A4 (~ 1.4401)	
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
7	Impeller washer	Stainless steel	A4 (~ 1.4401)	
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
8	Impeller key	Stainless steel	EN 10088 - X6CrNiMo17-12-2 (1.4571)	AISI 316Ti
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
9	Plug	Stainless steel	EN 10088 - X6CrNiMo17-12-2 (1.4571)	AISI 316Ti
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
10	Gasket	Asbestos-free synthetic fiber AFM 34		
11	O-Ring	EPDM (versione standard)		
12	Mechanical seal	Carbon / Silicon carbide / EPDM (standard version)		
		Antimony impregnated carbon / Silicon carbide / EPDM (duplex version)		
13	Motor adapter	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
14	Volute - casing fastening screws	Carbon steel		
		Stainless steel	A4	

Nscs100-200-en_c_tm

NSC, NSCF, NSCC SERIES
ELECTRIC PUMP CROSS-SECTION AND MAIN COMPONENTS

PUMP SIZE
32-125
32-160
32-200
32-250
40-125
40-160
40-200
40-250
50-125
50-160
50-200
50-250
65-125
65-160
65-200
65-250
80-160
80-200
80-250



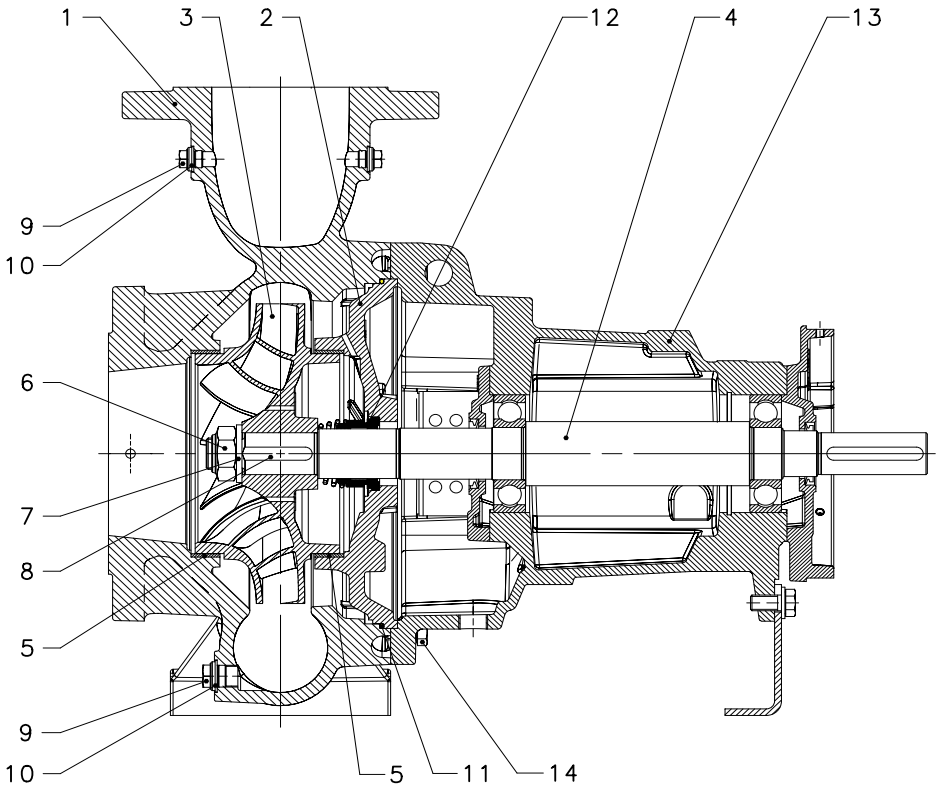
NSC32-80_A_DS

REF. N.	PART	MATERIAL	REFERENCE STANDARDS	
			EUROPE	USA
1	Volute casing	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
	Volute casing (65, 80)	Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
2	Casing cover	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
	Casing cover (65, 80)	Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
3	Impeller (32, 40, 50)	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
	Impeller (65, 80)	Cast iron	EN 1561 - GJL-200 (JL1030)	ASTM Class 30
		Bronze	EN 1982 - CuSn10-C (CC480K)	UNS C90700
		Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
4	Stub shaft	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
	Stub shaft (65-250, 80-200, 80-250)	Stainless steel	EN 10088-1-X17CrNi16-2 (1.4057)	AISI 431
	Stub shaft (65, 80)	Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
5	Wear ring	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
	Wear ring (65, 80)	Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
6	Impeller lock nut and washer	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
	Impeller lock nut and washer (65, 80)	Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
8	Impeller key	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
	Impeller key (65, 80)	Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
9	Fill and drain plugs	Stainless steel	EN 10088-3-X8CrNiS18-9 (1.4305)	AISI 303
	Fill and drain plugs (65, 80)	Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
11	O-Ring	EPDM (versione standard)		
12	Mechanical seal	Carbon / Silicon carbide / EPDM (standard version)		
13	Mechanical seal (65, 80)	Antimony impregnated carbon / Silicon carbide / EPDM (duplex version)		
13	Adapter *	Aluminium	EN 1706-AC-AlSi11Cu2 (Fe) (AC46100)	-
	Adapter	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
	Motor adapter	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
14	Volute casing fastening bolts and screws	Galvanized steel		
	Volute casing fastening bolts and screws	Stainless steel	A4 (~ 1.4401)	

* 2/4 pole: 32/40/50-125, 32/40-160

NSC, NSCF, NSCC SERIES
ELECTRIC PUMP CROSS-SECTION AND MAIN COMPONENTS

PUMP SIZE
50-315
65-315
80-315
80-316
80-400
100-160
100-200
100-250
100-315
100-316
100-400
125-200
125-250
125-315
125-400
150-200
150-250
150-315
150-400
200-250
200-315
250-315

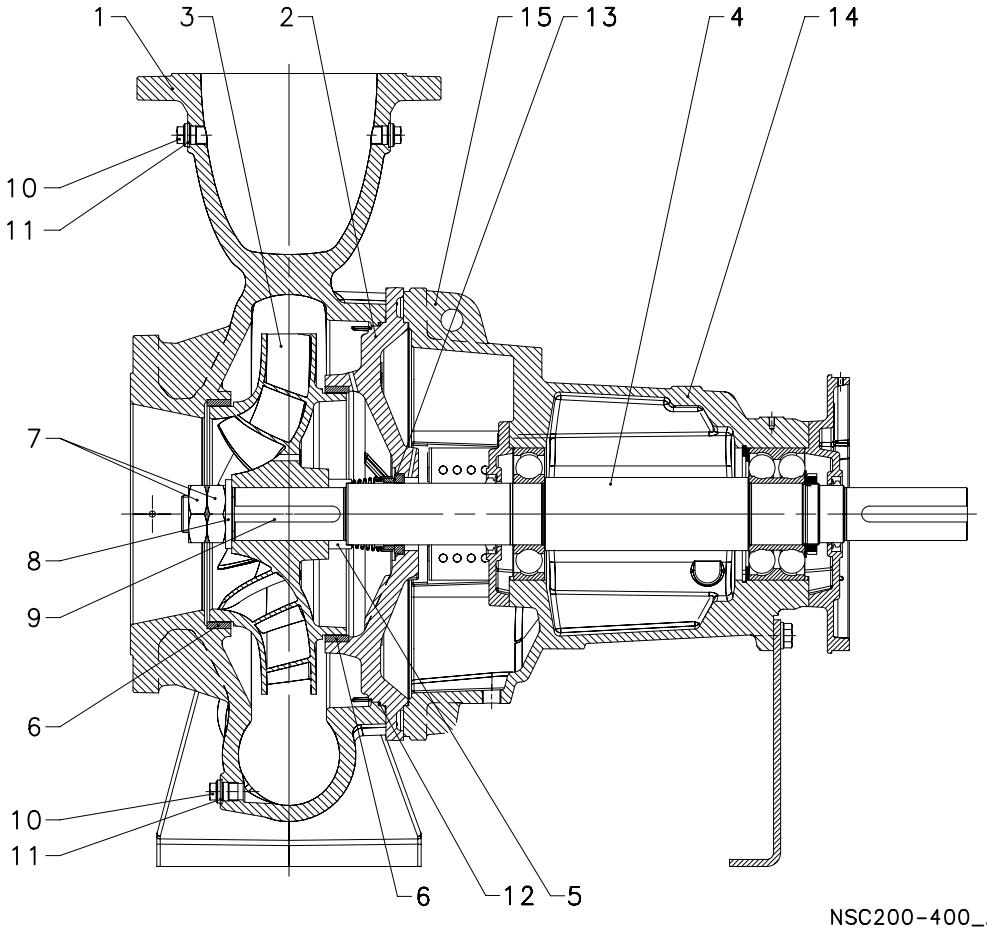


NSC100-200_A_DS

REF. N.	PART	MATERIAL	REFERENCE STANDARDS EUROPE	USA
1	Volute casing	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
		Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
	Volute casing (200-250, 200-315, 250-315)	Cast ductile iron	EN 1563 - EN-GJS400-15 (EN-JS1030)	ASTM A536 40-60-18
2	Casing cover	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
		Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
	Casing cover (200-250, 200-315, 250-315)	Cast ductile iron	EN 1563 - EN-GJS400-15 (EN-JS1030)	ASTM A536 40-60-18
3	Impeller	Cast iron	EN 1561 - GJL-200 (JL1030)	ASTM Class 30
		Bronze	EN 1982 - CuSn10-C (CC480K)	UNS C90700
		Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
4	Shaft	Stainless steel	EN 10088-1-X17CrNi16-2 (1.4057)	AISI 431
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
5	Wear ring	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
6	Impeller nut	Stainless steel	A4 (~ 1.4401)	
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
7	Impeller washer	Stainless steel	A4 (~ 1.4401)	
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
8	Impeller key	Stainless steel	EN 10088 - X6CrNiMo17-12-2 (1.4571)	AISI 316Ti
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
9	Plug	Stainless steel	EN 10088 - X6CrNiMo17-12-2 (1.4571)	AISI 316Ti
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
10	Gasket	Asbestos-free synthetic fiber AFM 34		
11	O-Ring	EPDM (standard version)		
12	Mechanical seal	Carbon / Silicon carbide / EPDM (standard version)		
		Antimony impregnated carbon / Silicon carbide / EPDM (duplex version)		
13	Bearing bracket	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
14	Volute - casing fastening screws	Carbon steel		
		Stainless steel	A4 (~ 1.4401)	

NSC, NSCF, NSCC SERIES
ELECTRIC PUMP CROSS-SECTION AND MAIN COMPONENTS

PUMP SIZE
150-500
200-400
200-500
250-400
250-500
300-350
300-400

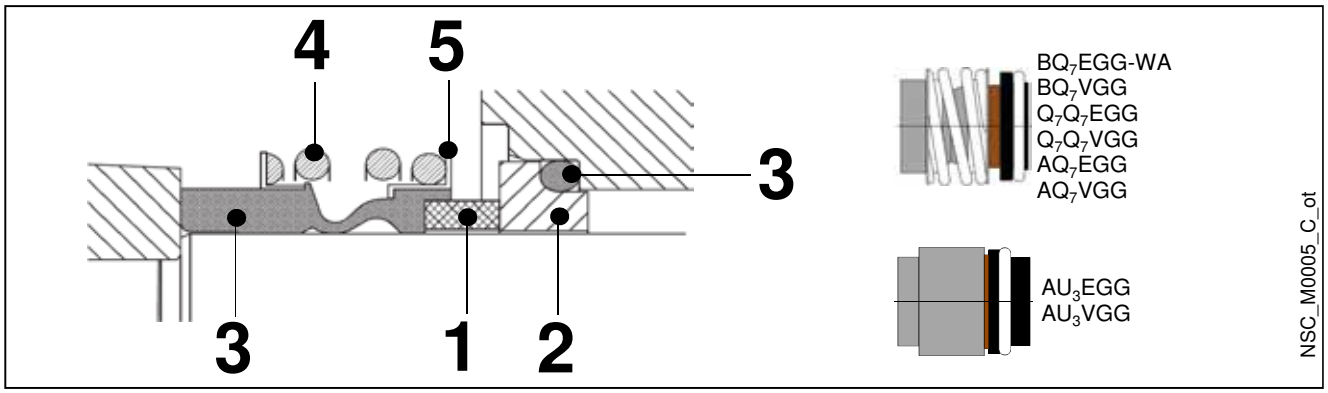


REF. N.	PART	MATERIAL	REFERENCE STANDARDS	
			EUROPE	USA
1	Volute casing	Cast ductile iron	EN 1563 - EN-GJS400-15 (EN-JS1030)	ASTM A536 40-60-18
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
2	Casing cover	Cast ductile iron	EN 1563 - EN-GJS400-15 (EN-JS1030)	ASTM A536 40-60-18
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
3	Impeller	Cast iron	EN 1561 - GJL-200 (JL1030)	ASTM Class 30
		Bronze	EN 1982 - CuSn10-C (CC480K)	UNS C90700
		Stainless steel	EN 10213-GX5CrNiMo-19-11-2 (1.4408)	ASTM A743 CF8M
		Duplex	EN 10213-GX2CrNiMoCuN25-6-3-3 (1.4517)	ASTM A743 CD4MCu
4	Shaft	Stainless steel	EN 10088-1-X17CrNi16-2 (1.4057)	AISI 431
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
5	Spacer ring	Stainless steel	EN 10088-1-X17CrNi16-2 (1.4057)	AISI 431
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
6	Wear ring	Stainless steel	EN 10088-X5CrNi18-10 (1.4301)	AISI 304
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
7	Impeller nut	Stainless steel	A4 (~ 1.4401)	
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
8	Impeller washer	Stainless steel	A4 (~ 1.4401)	
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
9	Impeller key	Stainless steel	EN 10088 - X6CrNiMo17-12-2 (1.4571)	AISI 316Ti
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
10	Plug	Stainless steel	EN 10088 - X6CrNiMo17-12-2 (1.4571)	AISI 316Ti
		Duplex	EN 10088-3-X2CrNiMoN22-5-3 (1.4462)	ASTM A182 F51
11	Gasket	Asbestos-free synthetic fiber AFM 34		
12	O-Ring	EPDM (standard version)		
13	Mechanical seal	Carbon / Silicon carbide / EPDM (standard version)		
		Carbon / Silicon carbide / EPDM (standard version)		
14	Bearing bracket	Cast iron	EN 1561 - GJL-250 (JL1040)	ASTM Class 35
15	Volute - casing fastening screws	Cast iron		
		Stainless steel	A4 (~ 1.4401)	

Nsc200-400-en_c_tm

e-NSC SERIES
MECHANICAL SEALS

Elastomer bellow seal with mounting dimensions according to EN 12756 and ISO 3069



POSITION 1 - 2	POSITION 3	POSITION 4 - 5
B : Resin impregnated carbon	**E** : EPDM	**G** : AISI 316
A : Antimony impregnated carbon	**V** : FKM (FPM)	
Q_7 : Silicon carbide		
U_3 : Tungsten carbide		

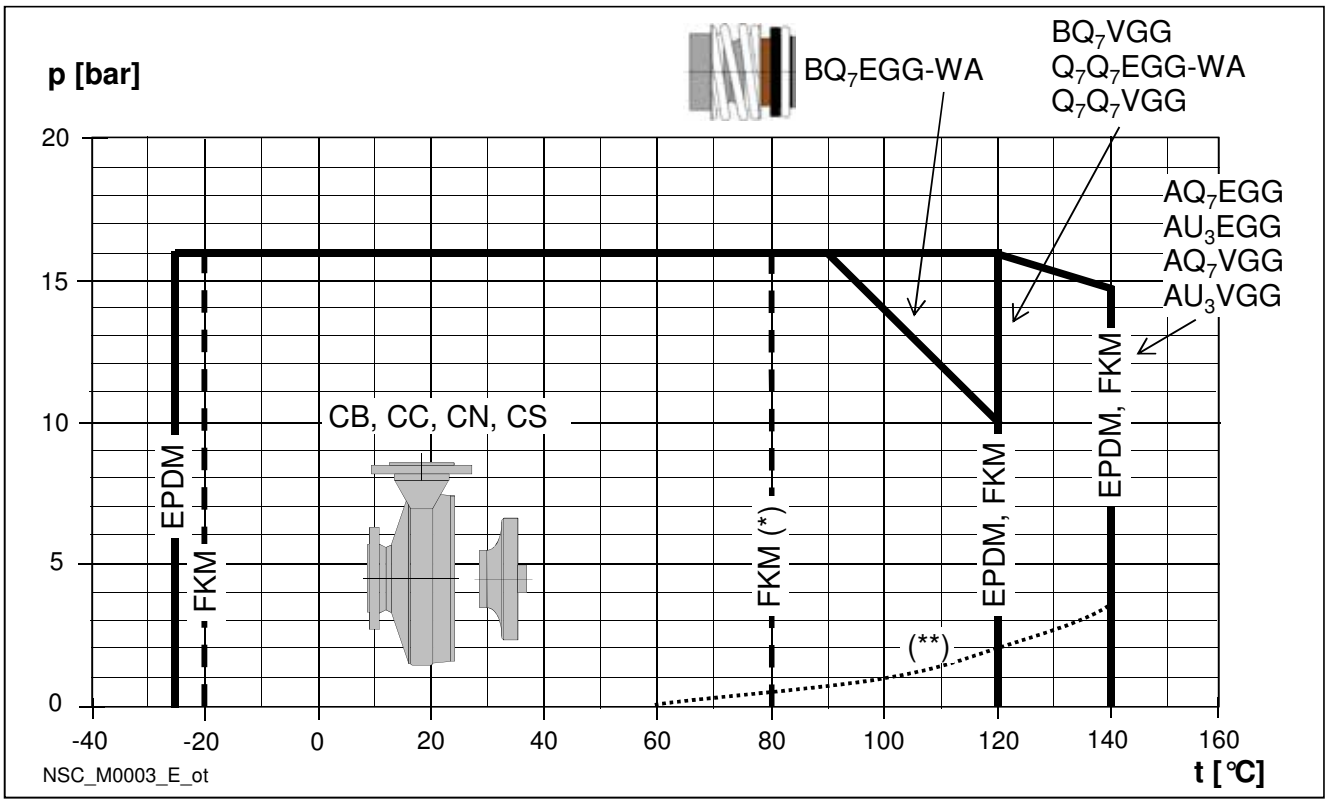
nsc_ten-mec-en_a_tm

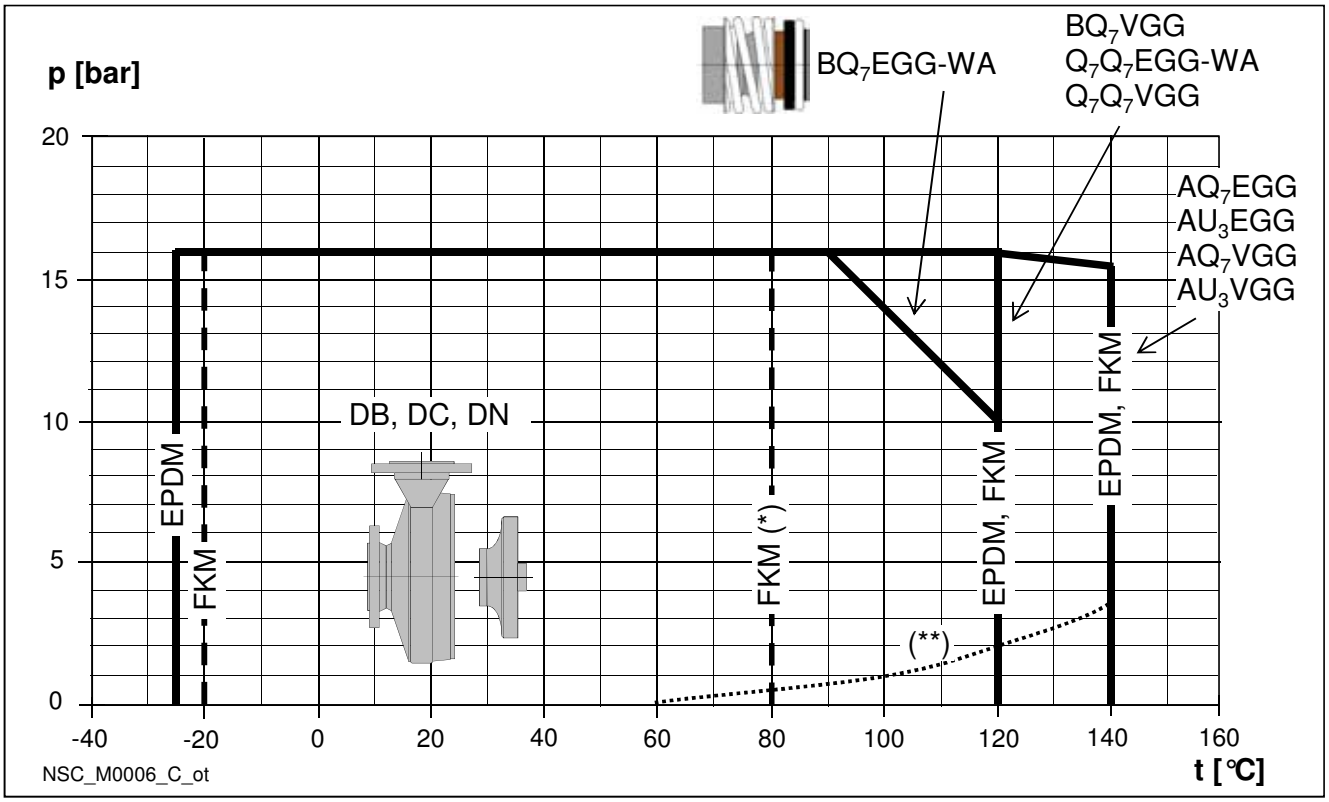
TYPE	POSITION 1 ROTATING ASSEMBLY	2 FIXED ASSEMBLY	3 ELASTOMERS	4 SPRINGS	5 OTHER COMPONENTS	PRESSURE (bar)	RANGE TEMPERATURE (°C)
STANDARD MECHANICAL SEAL							
B Q7 E G G - WA	B	Q_7	E	G	G	16/10	-25 … +90/+120
OTHER TYPES OF MECHANICAL SEAL							
B Q7 V G G	B	Q_7	V	G	G	16	-20 … +120 *)
Q7 Q7 E G G - WA	Q_7	Q_7	E	G	G	16	-25 … +120
Q7 Q7 V G G	Q_7	Q_7	V	G	G	16	-20 … +120 *)
A Q7 E G G(Ø≤38)	A	Q_7	E	G	G	16	-25 … +140
A U3 E G G(Ø>38)	A	U_3	E	G	G	16	-25 … +140
A Q7 V G G(Ø≤38)	A	Q_7	V	G	G	16	-20 … +140 *)
A U3 V G G(Ø>38)	A	U_3	V	G	G	16	-20 … +140 *)

*) for hot water: max. +80 °C

nsc_tipi-ten-mec-en_c_tc

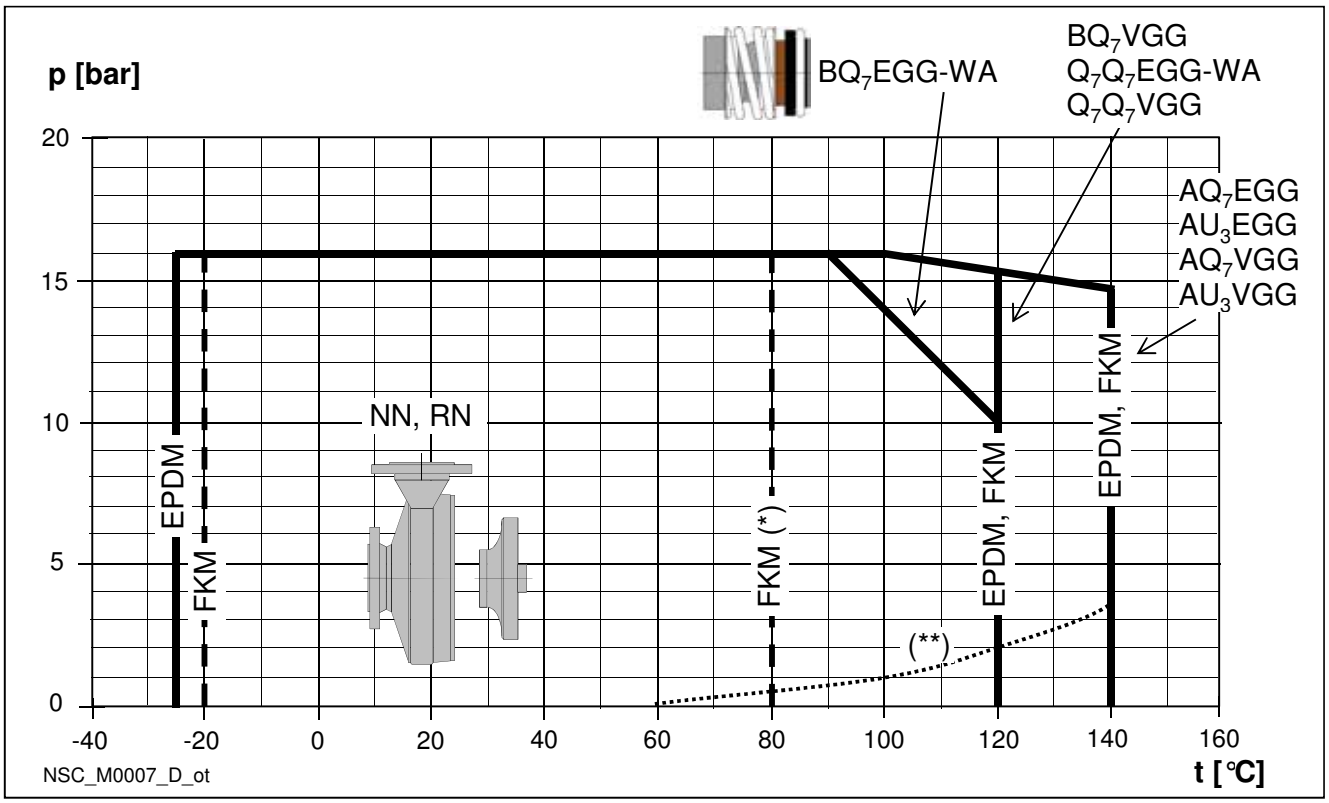
e-NSC SERIES
PRESSURE/TEMPERATURE APPLICATION LIMITS FOR COMPLETE PUMP

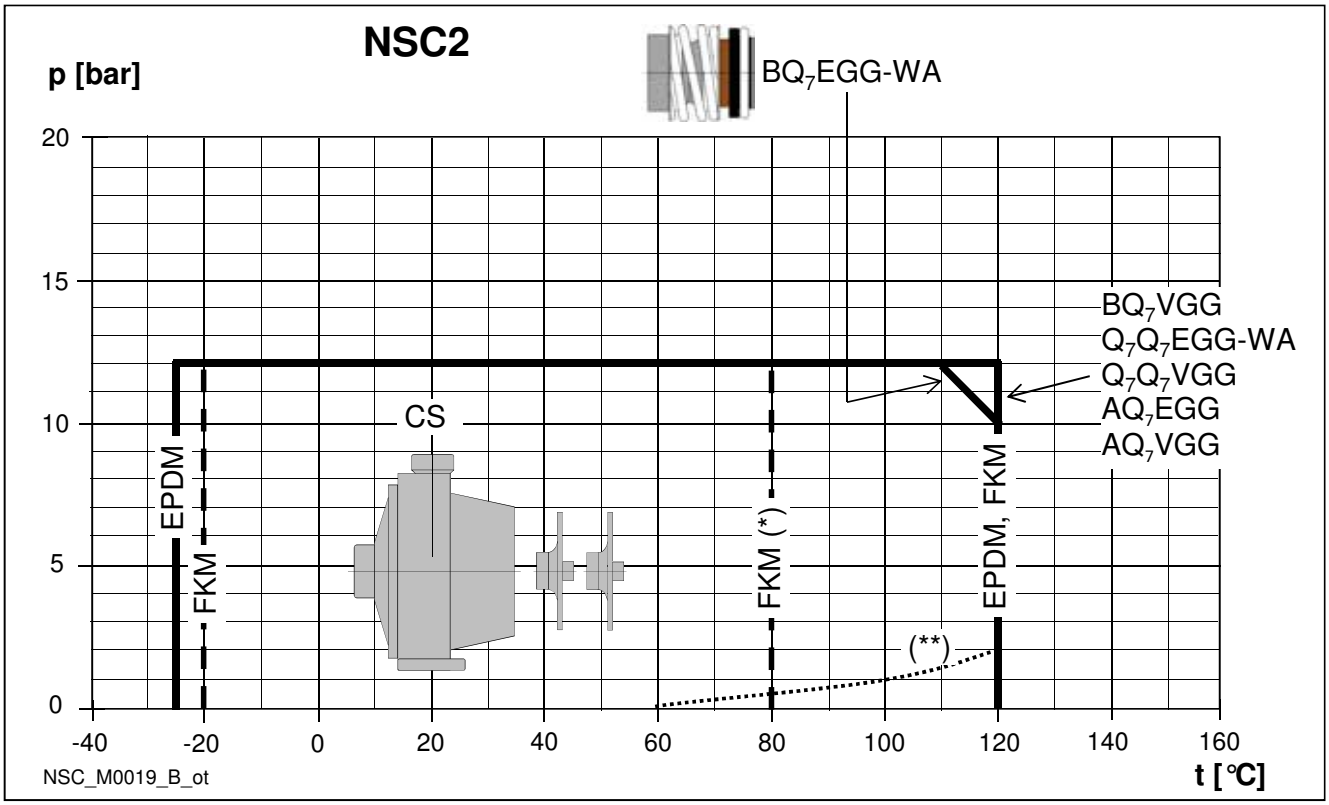




(*) hot water: max +80°C.
(**) minimum pressure required at mechanical seal (hot water; could be different in case of other liquids).

e-NSC SERIES
PRESSURE/TEMPERATURE APPLICATION LIMITS FOR COMPLETE PUMP

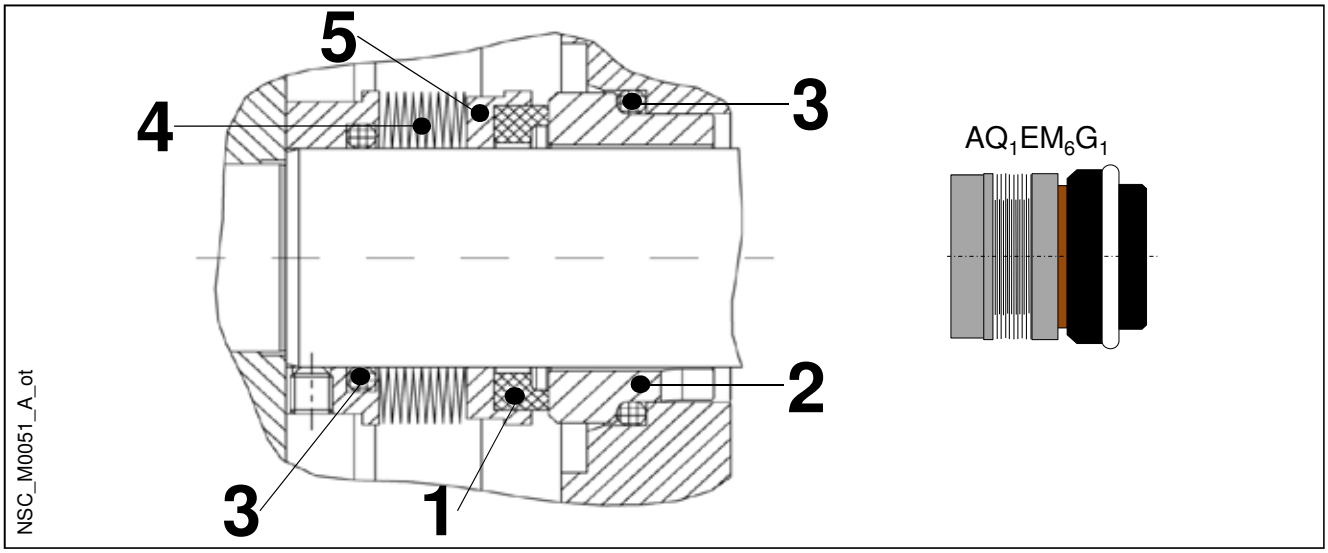




(*) hot water: max +80°C.
(**) minimum pressure required at mechanical seal (hot water; could be different in case of other liquids).

e-NSC SERIES
MECHANICAL SEALS FOR DUPLEX VERSION

Balanced metal bellows seal with mounting dimensions according to EN 12756 and ISO 3069



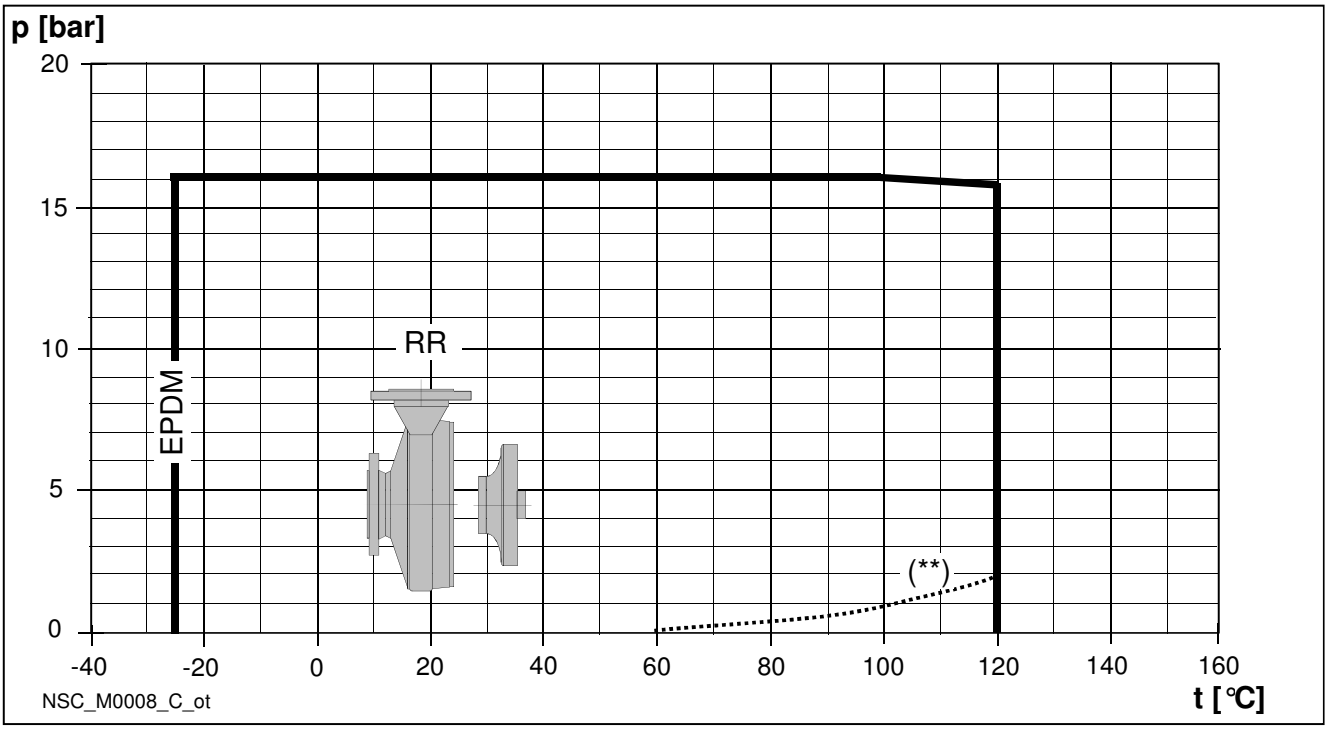
POSITION 1 - 2	POSITION 3	POSITION 4 - 5
A : Antimony impregnated carbon	**E** : EPDM	**M6** : Inconel® 718
Q1 : Silicon carbide		**G1** : Duplex

nsc_ten-mec_duplex-en_a_tm

TYPE	POSITION 1 ROTATING ASSEMBLY	2 FIXED ASSEMBLY	3 ELASTOMERS	4 SPRINGS	5 OTHER COMPONENTS	PRESSURE (bar)	RANGE TEMPERATURE (°C)
STANDARD MECHANICAL SEAL							
A Q_1 E M_6 G_1	A	Q_1	E	M_6	G_1	16	-25 ... +120

nsc_tipi-ten-mec-duplex-en_a_tc

PRESSURE/TEMPERATURE APPLICATION LIMITS FOR COMPLETE PUMP



(**) minimum pressure required at mechanical seal (hot water; could be different in case of other liquids).

e-NSC SERIES
MOTORS

- Short-circuit squirrel-cage motor, enclosed construction with external ventilation (TEFC).
- Rated power from 1,5 to 110 kW for 2-pole range and from 0,25 to 400 kW for 4-pole range.
- Maximum ambient temperature: 40 °C.
- **IP55** protection degree.
- Insulation class **155 (F)**.
- **Standard** three-phase surface motors ≥ 0,75 kW supplied as **IE3**.
- IE efficiency level according to IEC 60034-30 and IEC 60034-30-1 (≥ 0,75 kW).
- Electrical performances according to EN 60034-1.
- Metric cable gland according to EN 50262.
- **Standard voltage**
  Single-phase version: 220-230 V 60 Hz
  Built-in automatic reset overload protection.
  Three-phase 2-pole version:
  220-230/380-400 V 60 Hz for power up to 22 kW.
  220/380 V 60 Hz for WEG motors, power from 22 to 55kW.
  380/660 V 60 Hz for power above 55 kW.
  Three-phase 4-pole version:
  220-230/380-400 V 60 Hz for power up to 15 kW.
  220/380 V 60 Hz for power from 18,5 to 55 kW.
  380/660 V 60 Hz for power above 55 kW.
  Overload protection to be provided by the user.
- **PTC included** as standard only for WEG motors (one per phase, 155°C).

NSCE SERIES
SINGLE-PHASE MOTORS AT 60 Hz, 2 POLES

P_N kW	MOTOR TYPE	IEC SIZE*	Construction Design	INPUT CURRENT In (A) 220-230 V	CAPACITOR µF	CAPACITOR V	DATA FOR 220 V 60 Hz VOLTAGE min^{-1}	Is / In	η %	cosφ	Tn Nm	Ts/Tn	Tm/Tn
1,5	SM90RB14S2/1156	90R	B14	9,28-9,35	40	450	3455	4,91	76,3	0,96	4,14	0,49	2,19
2,2	PLM90B14S2/1226	90	B14	12,3-11,7	60	450	3455	4,99	83,4	0,98	6,08	0,54	2,06

* R = Reduced size of motor casing as compared to shaft extension and flange.

Nsce-motm-2p60-en_a_te

GOULDS WATER TECHNOLOGY
a xylem brand

NSCE, NSC2 SERIES
THREE-PHASE MOTORS AT 60 Hz, 2 POLES

P_N	Efficiency η_N %												IE	Year of manufacture
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V				
kW	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4		
1,5	87,2	87,0	84,6	87,2	87,0	84,6	87,2	87,0	84,6	87,2	87,0	84,6	3	from 11/2014
2,2	87,7	87,2	84,7	87,7	87,2	84,7	87,7	87,2	84,7	87,7	87,2	84,7		
3	89,1	88,8	86,9	89,1	88,8	86,9	89,1	88,8	86,9	89,1	88,8	86,9		
4	91,0	91,0	89,6	91,0	91,0	89,6	91,0	91,0	89,6	91,0	91,0	89,6		
5,5	91,0	90,5	88,6	91,0	90,5	88,6	91,0	90,5	88,6	91,0	90,5	88,6		
7,5	90,8	90,2	88,1	90,8	90,2	88,1	90,8	90,2	88,1	90,8	90,2	88,1		
9,2	91,7	91,3	89,4	91,7	91,3	89,4	91,7	91,3	89,4	91,7	91,3	89,4		
11	92,4	92,3	90,9	92,4	92,3	90,9	92,4	92,3	90,9	92,4	92,3	90,9		
15	93,4	93,1	91,7	93,4	93,1	91,7	93,4	93,1	91,7	93,4	93,1	91,7		
18,5	93,5	93,2	91,9	93,5	93,2	91,9	93,5	93,2	91,9	93,5	93,2	91,9		
22	93,4	92,7	90,8	93,4	92,7	90,8	93,4	92,7	90,8	93,4	92,7	90,8		

P_N	Manufacturer Xylem Service Italia Srl Reg. No. 07520560967 Montecchio Maggiore Vicenza - Italia	IEC SIZE*	Construction Design	N. of Poles	f_N	Data for 380 V / 60 Hz Voltage				
kW	Model				Hz	cosφ	Is / I_N	T_N Nm	Ts/T_N	Tm/Tn
1,5	SM90RB14S2/315 E3	90R	SPECIAL	2	60	0,82	9,79	4,10	4,36	4,37
2,2	PLM90B14S2/322 E3	90				0,82	9,80	6,01	3,80	4,01
3	PLM90B14S2/330 E3	90				0,82	9,35	8,21	4,26	4,10
4	PLM112RB14S2/340 E3	112R				0,87	10,0	10,9	2,43	4,53
5,5	PLM1122FHE/355 E3	112				0,88	12,0	15,0	4,70	5,55
	PLM112B14S2/355 E3	112								
7,5	PLM1322FHE/375 E3	132				0,87	11,0	20,2	3,31	4,98
	PLM132B14S2/375 E3	132								
9,2	PLM132B14S2/392 E3	132				0,87	11,0	24,9	3,55	5,00
11	PLM132B14S2/3110 E3	132				0,88	10,4	29,8	3,45	4,63
	PLM132B14S3/3110 E3	132								
15	PLM160B34S3/3150 E3	160				0,89	9,81	40,3	2,79	4,41
18,5	PLM160B34S3/3185 E3	160				0,89	10,1	49,7	2,78	4,59
22	PLM160B34S3/3220 E3	160				0,87	11,3	59,1	3,27	5,18

P_N	Voltage U_N V								n_N	Observe the regulations and codes locally in force regarding sorted waste disposal.	Operating conditions **		
	Δ		Y		Δ		Y				Altitude above sea Level (m)	T. amb min/max °C	ATEX
	220 V	230 V	380 V	400 V	380 V	400 V	660 V	690 V					
kW	I_N (A)								min^{-1}				
1,5	5,58	5,53	3,22	3,19	3,23	3,22	1,86	1,86	3485 ÷ 3505		≤ 1000	-15 / 40	No
2,2	7,97	7,93	4,60	4,58	4,59	4,57	2,65	2,64	3490 ÷ 3505				
3	10,9	10,8	6,30	6,23	6,32	6,29	3,65	3,63	3485 ÷ 3500				
4	13,4	13,2	7,76	7,62	7,78	7,63	4,49	4,41	3510 ÷ 3520				
5,5	18,2	18,0	10,5	10,4	10,5	10,5	6,08	6,06	3505 ÷ 3515				
7,5	25,0	24,7	14,5	14,2	14,4	14,1	8,34	8,15	3535 ÷ 3540				
9,2	30,4	29,9	17,6	17,3	17,7	17,5	10,2	10,1	3590 ÷ 3540				
11	35,7	35,0	20,6	20,2	21,0	20,8	12,1	12,0	3530 ÷ 3540				
15	47,6	46,4	27,5	26,8	27,8	27,1	16,1	15,6	3550 ÷ 3560				
18,5	58,7	57,5	33,9	33,2	34,0	33,2	19,6	19,2	3550 ÷ 3555				
22	71,1	70,2	41,1	40,5	40,8	39,8	23,5	23,0	3555 ÷ 3560				

* R = Reduced size of motor casing as compared to shaft extension and flange.

Nsce-IE3-mott-2p60-en_c_te

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS SERIES
THREE-PHASE MOTORS AT 60 Hz, 2 POLES (up to 22 kW)

P_N	Efficiency η_N %												IE	Year of manufacture
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V				
kW	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4		
1,5	87,2	87,0	84,6	87,2	87,0	84,6	87,2	87,0	84,6	87,2	87,0	84,6	3	from 11/2014
2,2	87,7	87,2	84,7	87,7	87,2	84,7	87,7	87,2	84,7	87,7	87,2	84,7		
3	89,1	88,8	86,9	89,1	88,8	86,9	89,1	88,8	86,9	89,1	88,8	86,9		
4	91,0	91,0	89,6	91,0	91,0	89,6	91,0	91,0	89,6	91,0	91,0	89,6		
5,5	91,0	90,5	88,6	91,0	90,5	88,6	91,0	90,5	88,6	91,0	90,5	88,6		
7,5	90,8	90,2	88,1	90,8	90,2	88,1	90,8	90,2	88,1	90,8	90,2	88,1		
11	92,5	92,2	90,6	92,5	92,2	90,6	92,5	92,2	90,6	92,5	92,2	90,6		
15	93,4	93,1	91,7	93,4	93,1	91,7	93,4	93,1	91,7	93,4	93,1	91,7		
18,5	93,5	93,2	91,9	93,5	93,2	91,9	93,5	93,2	91,9	93,5	93,2	91,9		
22	93,4	92,7	90,8	93,4	92,7	90,8	93,4	92,7	90,8	93,4	92,7	90,8		

P_N	Manufacturer: Xylem Service Italia Srl, Reg. No. 07520560967, Montecchio Maggiore Vicenza - Italia	IEC SIZE*	Construction Design	N. of Poles	f_N	Data for 380 V / 60 Hz Voltage				
kW	Model				Hz	cosφ	Is / I_N	T_N Nm	T_s/T_N	Tm/Tn
1,5	SM90RB5/315 E3	90R	B5	2	60	0,82	9,79	4,10	4,36	4,37
2,2	PLM90B5/322 E3	90				0,82	9,80	6,01	3,80	4,01
3	PLM100RB5/330 E3	100R				0,82	9,35	8,21	4,26	4,10
4	PLM112RB5/340 E3	112R				0,87	10,0	10,9	2,43	4,53
5,5	PLM132RB5/355 E3	132R				0,88	12,0	15,0	4,70	5,55
7,5	PLM132B5/375 E3	132				0,87	11,0	20,2	3,31	4,98
11	PLM160B35/3110 E3	160	B35			0,89	9,00	29,6	2,43	4,26
15	PLM160B35/3150 E3	160				0,89	9,81	40,3	2,79	4,41
18,5	PLM160B35/3185 E3	160				0,89	10,1	49,7	2,78	4,59
22	PLM180RB35/3220 E3	180R				0,87	11,3	59,1	3,27	5,18

P_N	Voltage U_N V								n_N	Observe the regulations and codes locally in force regarding sorted waste disposal.	Operating conditions **		
	Δ		Y		Δ		Y				Altitude above sea Level (m)	T. amb min/max °C	ATEX
kW	220 V	230 V	380 V	400 V	380 V	400 V	660 V	690 V	I_N (A)				
1,5	5,58	5,53	3,22	3,19	3,23	3,22	1,86	1,86	3485 ÷ 3505		1000 ≤	-15 / 40	No
2,2	7,97	7,93	4,60	4,58	4,59	4,57	2,65	2,64	3490 ÷ 3505				
3	10,9	10,8	6,30	6,23	6,32	6,29	3,65	3,63	3485 ÷ 3500				
4	13,4	13,2	7,76	7,62	7,78	7,63	4,49	4,41	3510 ÷ 3520				
5,5	18,2	18,0	10,5	10,4	10,5	10,5	6,08	6,06	3505 ÷ 3515				
7,5	25,0	24,7	14,5	14,2	14,4	14,1	8,34	8,15	3535 ÷ 3540				
11	35,3	34,3	20,4	19,8	20,4	19,6	11,8	11,3	3545 ÷ 3555				
15	47,6	46,4	27,5	26,8	27,8	27,1	16,1	15,6	3550 ÷ 3560				
18,5	58,7	57,5	33,9	33,2	34,0	33,2	19,6	19,2	3550 ÷ 3555				
22	71,1	70,2	41,1	40,5	40,8	39,8	23,5	23,0	3555 ÷ 3560				

* R = Reduced size of motor casing as compared to shaft extension and flange.

Nscs-IE3-mott-2p60-en_b_te

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS SERIES
THREE-PHASE MOTORS AT 60 Hz, 2 POLES (from 30 to 90 kW)

P_N kW	Efficiency η_N %						IE	Year of manufacture
	Δ 220 V Y 380 V			Δ 380 V Y 660 V				
	4/4	3/4	2/4	4/4	3/4	2/4		
30	93,4	93,4	92,5	93,4	93,4	92,5	3	from 11/2014
37	94,0	94,0	94,0	94,0	94,0	93,0		
45	94,3	93,6	92,3	94,3	93,6	92,3		
55	94,6	94,2	93,1	94,6	94,2	93,1		
75	-	-	-	95,0	94,3	93,0		
90	-	-	-	95,3	94,9	93,3		

P_N kW	Manufacturer WEG Equipamentos Eletricos S.A Reg. No. 07.175.725/0010-50 Jaragua do Sul - SC (Brazil) Model	IEC SIZE	Construction Design	N. of Poles	f_N Hz	Data for 380 V / 60 Hz Voltage				
						cosφ	Is / I_N	T_N Nm	Ts/T_N	Tm/Tn
30	W22 200L B35 30KW E3	200	B35	2	60	0,86	7,40	80,45	2,40	2,70
37	W22 200L B35 37KW E3	200				0,87	7,50	98,98	2,90	2,90
45	W22 225S/M B35 45KW E3	225				0,89	8,20	120,5	2,50	3,00
55	W22 250S/M B35 55KW E3	250				0,88	8,20	147,0	2,50	3,00
75	W22 280S/M B35 75KW E3	280				0,88	7,70	199,9	2,10	3,00
90	W22 280S/M B35 90KW E3	280				0,88	7,70	240,1	2,00	3,00

P_N kW	Voltage U_N V				n_N min^{-1}	Observe the regulations and codes locally in force regarding sorted waste disposal.	Operating conditions **		
	Δ	Y	Δ	Y			Altitude above sea Level (m)	T. amb min/max °C	ATEX
	220 V	380 V	380 V	660 V					
	I_N (A)								
30	98,0	56,7	56,7	32,7	3560		≤ 1000	-15 / 40	No
37	119,0	68,8	69,0	39,6	3565				
45	141,0	81,5	82,0	46,9	3565				
55	173,0	100,0	100,0	57,8	3565				
75	-	-	137,0	79,0	3580				
90	-	-	163,0	94,0	3575				

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

Nscs-IE3-mott90-2p60-en_a_te

NSCF, NSCC SERIES
THREE-PHASE MOTORS AT 60 Hz, 2 POLES (up to 18,5 kW)

P_N	Efficiency η_N %												IE	Year of manufacture
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V				
kW	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4		
1,5	86,4	86,5	84,0	86,4	86,5	84,0	86,4	86,5	84,0	86,4	86,5	84,0	3	from 11/2014
2,2	87,7	87,2	84,7	87,7	87,2	84,7	87,7	87,2	84,7	87,7	87,2	84,7		
3	90,0	89,6	87,4	90,0	89,6	87,4	90,0	89,6	87,4	90,0	89,6	87,4		
4	89,8	89,5	87,5	89,8	89,5	87,5	89,8	89,5	87,5	89,8	89,5	87,5		
5,5	90,5	89,7	87,2	90,5	89,7	87,2	90,5	89,7	87,2	90,5	89,7	87,2		
7,5	90,8	90,2	88,1	90,8	90,2	88,1	90,8	90,2	88,1	90,8	90,2	88,1		
11	92,5	92,2	90,6	92,5	92,2	90,6	92,5	92,2	90,6	92,5	92,2	90,6		
15	93,4	93,1	91,7	93,4	93,1	91,7	93,4	93,1	91,7	93,4	93,1	91,7		
18,5	93,5	93,2	91,9	93,5	93,2	91,9	93,5	93,2	91,9	93,5	93,2	91,9		

P_N	Manufacturer: Xylem Service Italia Srl, Reg. No. 07520560967, Montecchio Maggiore Vicenza - Italia	IEC SIZE	Construction Design	N. of Poles	f_N	Data for 380 V / 60 Hz Voltage				
kW	Model				Hz	cosφ	Is / I_N	T_N Nm	T_S/T_N	T_m/T_n
1,5	PLM90B3/315 E3	90	B3	2	60	0,89	8,70	4,11	3,23	3,47
2,2	PLM90B3/322 E3	90				0,82	9,80	6,01	3,80	4,01
3	PLM100B3/330 E3	100				0,85	10,5	8,15	3,27	4,61
4	PLM112B3/340 E3	112				0,88	10,1	10,9	3,85	4,61
5,5	PLM132B3/355 E3	132				0,86	10,6	14,9	3,23	4,8
7,5	PLM132B3/375 E3	132				0,87	11,0	20,2	3,31	4,98
11	PLM160B3/3110 E3	160				0,89	9,00	29,6	2,43	4,26
15	PLM160B3/3150 E3	160				0,89	9,81	40,3	2,79	4,41
18,5	PLM160B3/3185 E3	160				0,89	10,1	49,7	2,78	4,59

P_N	Voltage U_N V								n_N	Observe the regulations and codes locally in force regarding sorted waste disposal.	Operating conditions **		
	Δ		Y		Δ		Y				Altitude above sea Level (m)	T. amb min/max °C	ATEX
kW	220 V	230 V	380 V	400 V	380 V	400 V	660 V	690 V	min^{-1}				
	I_N (A)												
1,5	5,31	5,19	3,07	3,00	3,06	3,00	1,77	1,73	3485 ÷ 3500		≤ 1000	-15 / 40	No
2,2	7,97	7,93	4,60	4,58	4,59	4,57	2,65	2,64	3490 ÷ 3505				
3	10,2	10,2	5,91	5,88	5,86	5,77	3,38	3,33	3510 ÷ 3525				
4	13,3	13,1	7,66	7,54	7,67	7,52	4,43	4,34	3500 ÷ 3510				
5,5	18,8	18,6	10,9	10,7	10,9	10,7	6,28	6,18	3535 ÷ 3540				
7,5	25,0	24,7	14,5	14,2	14,4	14,1	8,34	8,15	3535 ÷ 3540				
11	35,3	34,3	20,4	19,8	20,4	19,6	11,80	11,30	3545 ÷ 3555				
15	47,6	46,4	27,5	26,8	27,8	27,1	16,1	15,6	3550 ÷ 3560				
18,5	58,7	57,5	33,9	33,2	34,0	33,2	19,6	19,2	3550 ÷ 3555				

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

Nscf-IE3-mott18-2p60-en_b_te

NSCF, NSCC SERIES
THREE-PHASE MOTORS AT 60 Hz, 2 POLES (from 22 to 110 kW)

P_N	Efficiency η_N %						IE	Year of manufacture
	Δ 220 V Y 380 V			Δ 380 V Y 660 V				
kW	4/4	3/4	2/4	4/4	3/4	2/4		
22	93,2	93,2	92,4	93,4	93,2	92,4	3	from 11/2014
30	93,4	93,4	92,5	93,4	93,4	92,5		
37	94,0	94,0	94,0	94,0	94,0	93,0		
45	94,3	93,6	92,3	94,3	93,6	92,3		
55	94,6	94,2	93,1	94,6	94,2	93,1		
75	-	-	-	95,0	94,3	93,0		
90	-	-	-	95,3	94,9	93,3		
110	-	-	-	95,5	95,0	93,8		

P_N	Manufacturer: WEG Equipamentos Eletricos S.A Reg. No. 07.175.725/0010-50 Jaragua do Sul - SC (Brazil)	IEC SIZE	Construction Design	N. of Poles	f_N	Data for 380 V / 60 Hz Voltage				
kW	Model				Hz	cosφ	Is / I_N	T_N Nm	Ts/T_N	Tm/Tn
22	W22 180M B3 22KW E3	180	B3	2	60	0,87	7,80	59,19	2,00	2,90
30	W22 200L B3 30KW E3	200				0,86	7,40	80,45	2,40	2,70
37	W22 200L B3 37KW E3	200				0,87	7,50	98,98	2,90	2,90
45	W22 225S/M B3 45KW E3	225				0,89	8,20	120,5	2,50	3,00
55	W22 250S/M B3 55KW E3	250				0,88	8,20	147,0	2,50	3,00
75	W22 280S/M B3 75KW E3	280				0,88	7,70	199,9	2,10	3,00
90	W22 280S/M B3 90KW E3	280				0,88	7,70	240,1	2,00	3,00
110	W22 315S/M-B3 110kW E3	315				0,88	7,30	293,0	1,70	2,70

P_N	Voltage U_N V				n_N	Observe the regulations and codes locally in force regarding sorted waste disposal.	Operating conditions **		
	Δ	Y	Δ	Y			Altitude above sea Level (m)	T. amb min/max °C	ATEX
kW	220 V	380 V	380 V	660 V	min^{-1}				
	I_N (A)								
22	71,2	41,2	41,2	23,7	3545		≤ 1000	-15 / 40	No
30	98,0	56,7	56,7	32,7	3560				
37	119,0	68,8	69,0	39,6	3565				
45	141,0	81,5	82,0	46,9	3565				
55	173,0	100,0	100,0	57,8	3565				
75	-	-	137,0	79,0	3580				
90	-	-	163,0	94,0	3575				
110	-	-	199,0	115,0	3580				

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

Nscf-IE3-mott110-2p60-en_a_te

GOULDS WATER TECHNOLOGY
a xylem brand

NSCE, NSC2 SERIES
THREE-PHASE MOTORS AT 60 Hz, 4 POLES

P_N	Efficiency η_N %												IE	Year of construction
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V				
kW	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4		
0,25	-	-	-	-	-	-	-	-	-	-	-	-	-	
0,37	-	-	-	-	-	-	-	-	-	-	-	-	-	06/2011
0,55	-	-	-	-	-	-	-	-	-	-	-	-	-	
0,75	85,7	85,4	82,9	85,7	85,4	82,9	85,7	85,4	82,9	85,7	85,4	82,9		01/2017
1,1	87,0	86,2	83,2	87,0	86,2	83,2	87,0	86,2	83,2	87,0	86,2	83,2		
1,5	88,0	87,0	84,0	88,0	87,0	84,0	88,0	87,0	84,0	88,0	87,0	84,0		
2,2	89,5	89,4	87,5	89,5	89,4	87,5	89,5	89,4	87,5	89,5	89,4	87,5		
3	90,0	89,5	87,3	90,0	89,5	87,3	90,0	89,5	87,3	90,0	89,5	87,3	3	11/2014
4	90,0	89,9	88,1	90,0	89,9	88,1	90,0	89,9	88,1	90,0	89,9	88,1		
5,5	91,7	91,2	89,4	91,7	91,2	89,4	91,7	91,2	89,4	91,7	91,2	89,4		
7,5	91,7	91,8	90,4	91,7	91,8	90,4	91,7	91,8	90,4	91,7	91,8	90,4		

P_N	Manufacturer: Xylem Service Italia Srl, Reg. No. 07520560967, Montecchio Maggiore Vicenza - Italia	IEC SIZE*	Construction Design	N. of Poles	f_N	Data for 380 V / 60 Hz				
kW	Model				Hz	cosφ	Is / I_N	TN Nm	Ts/T_N	Tm/Tn
0,25	SM471B5/302	71	B5	4	60	0,68	3,45	1,45	2,37	2,15
0,37	SM471B5/304	71				0,79	6,5	4,1	3,30	3,80
0,55	SM490RB14S2/305	90R	SPECIAL			0,77	3,55	3,18	1,80	1,90
0,75	LLM490RB14S2/307	90R				0,75	6,26	4,14	2,82	3,53
1,1	PLM4902FHE/311 E3	90				0,70	6,55	6,02	2,50	3,52
	PLM490B5S2/311 E3	90								
1,5	PLM490B5S2/315 E3	90				0,69	7,34	8,18	2,99	4,10
2,2	PLM4100B5S3/322 E3	100				0,77	7,74	12,0	2,28	3,80
3	PLM4100B5S3/330 E3	100				0,74	8,18	16,3	2,35	4,39
4	PLM4112B5S3/340 E3	112				0,79	8,81	21,8	3,01	4,18
5,5	PLM4132B14S3/355 E3	132				0,77	7,67	29,7	2,63	3,61
7,5	PLM4132B14S3/375 E3	132				0,79	7,88	40,7	2,54	3,53

P_N	Voltage U_N V								n_N	Observe the regulations and codes locally in force regarding sorted waste disposal.	Operating conditions **		
	Δ		Y		Δ		Y				Altitude above sea Level (m)	T. amb min/max °C	ATEX
kW	220 V	230 V	380 V	400 V	380 V	400 V	660 V	690 V	I_N (A)				
0,25	1,51	-	0,87	-	-	-	-	-	1650				
0,37	2,18	-	1,26	-	-	-	-	-	1630				
0,55	2,74	-	1,58	-	-	-	-	-	1650				
0,75	3,00	3,00	1,75	1,75	1,75	1,75	1,00	1,00	1735 ÷ 1745				
1,1	4,76	4,77	2,75	2,75	2,72	2,72	1,57	1,57	1740 ÷ 1750				
1,5	6,53	6,59	3,77	3,80	3,78	3,81	2,18	2,20	1750 ÷ 1755				
2,2	8,4	8,28	4,84	4,78	4,82	4,76	2,78	2,75	1755 ÷ 1760				
3	12,0	12,0	6,91	6,95	6,75	6,72	3,89	3,88	1755 ÷ 1760				
4	14,7	14,5	8,50	8,39	8,46	8,35	4,89	4,82	1750 ÷ 1760				
5,5	20,6	20,4	11,9	11,8	12,0	11,9	6,95	6,88	1765 ÷ 1770				
7,5	27,1	26,7	15,7	15,4	15,7	15,5	9,08	8,94	1760 ÷ 1765				
											≤ 1000	-15 / 40	No

* R = Reduced size of motor casing as compared to shaft extension and flange.

Nsce-IE3-mott-4p60-en_b_te

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS SERIES
THREE-PHASE MOTORS AT 60 Hz, 4 POLES

P_N	Efficiency η_N %												IE	Year of construction
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V				
kW	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4		
0,55	-	-	-	-	-	-	-	-	-	-	-	-	-	06/2011
0,75	85,7	85,4	82,9	85,7	85,4	82,9	85,7	85,4	82,9	85,7	85,4	82,9	3	01/2017
1,1	87,0	86,2	83,2	87,0	86,2	83,2	87,0	86,2	83,2	87,0	86,2	83,2		11/2014
1,5	88,0	87,0	84,0	88,0	87,0	84,0	88,0	87,0	84,0	88,0	87,0	84,0		
2,2	89,5	89,4	87,5	89,5	89,4	87,5	89,5	89,4	87,5	89,5	89,4	87,5		
3	90,0	89,5	87,3	90,0	89,5	87,3	90,0	89,5	87,3	90,0	89,5	87,3		
4	90,0	89,9	88,1	90,0	89,9	88,1	90,0	89,9	88,1	90,0	89,9	88,1		
5,5	91,7	91,2	89,4	91,7	91,2	89,4	91,7	91,2	89,4	91,7	91,2	89,4		
7,5	91,7	91,8	90,4	91,7	91,8	90,4	91,7	91,8	90,4	91,7	91,8	90,4		
11	92,7	92,7	91,4	92,7	92,7	91,4	92,7	92,7	91,4	92,7	92,7	91,4		
15	93,3	92,9	91,4	93,3	92,9	91,4	93,3	92,9	91,4	93,3	92,9	91,4		

P_N	Manufacturer: Xylem Service Italia Srl, Reg. No. 07520560967, Montecchio Maggiore Vicenza - Italia	IEC SIZE	Construction Design	N. of Poles	f_N	Data for 380 V / 60 Hz				
kW	Model				Hz	cosφ	Is / I_N	TN Nm	Ts/T_N	Tm/Tn
0,55	SM480B5/305	80	B5	4	60	0,77	3,55	3,18	1,80	1,90
0,75	LLM480B5/307	80				0,79	6,5	4,1	3,30	3,80
1,1	PLM490B5/311 E3	90				0,70	6,55	6,02	2,50	3,52
1,5	PLM490B5/315 E3	90				0,69	7,34	8,18	2,99	4,1
2,2	PLM4100B5/322 E3	100				0,77	7,74	12,0	2,28	3,8
3	PLM4100B5/330 E3	100				0,74	8,18	16,3	2,35	4,39
4	PLM4112B5/340 E3	112				0,79	8,81	21,8	3,01	4,18
5,5	PLM4132B5/355 E3	132				0,77	7,67	29,7	2,63	3,61
7,5	PLM4132B5/375 E3	132				0,79	7,88	40,7	2,54	3,53
11	PLM4160B35/3110 E3	160	B35			0,82	7,50	59,3	2,46	3,27
15	PLM4160B35/3150 E3	160				0,79	8,83	80,7	2,91	3,99

P_N	Voltage U_N V								n_N	Observe the regulations and codes locally in force regarding sorted waste disposal.	Operating conditions **		
	Δ		Y		Δ		Y				Altitude above sea Level (m)	T. amb min/max °C	ATEX
kW	220 V	230 V	380 V	400 V	380 V	400 V	660 V	690 V	I_N (A)	min^{-1}			
0,55	2,74	-	1,58	-	-	-	-	-	1650				
0,75	3,00	3,00	1,75	1,75	1,75	1,75	1,00	1,00	1735 ÷ 1745				
1,1	4,76	4,77	2,75	2,75	2,72	2,72	1,57	1,57	1740 ÷ 1750				
1,5	6,53	6,59	3,77	3,80	3,78	3,81	2,18	2,20	1750 ÷ 1755				
2,2	8,38	8,28	4,84	4,78	4,82	4,76	2,78	2,75	1755 ÷ 1760				
3	12,0	12,0	6,91	6,95	6,75	6,72	3,89	3,88	1755 ÷ 1760				
4	14,7	14,5	8,50	8,39	8,46	8,35	4,89	4,82	1750 ÷ 1760				
5,5	20,6	20,4	11,9	11,8	12,0	11,9	6,95	6,88	1765 ÷ 1770				
7,5	27,1	26,7	15,7	15,4	15,7	15,5	9,08	8,94	1760 ÷ 1765				
11	38,1	37,4	22,0	21,6	22,0	21,5	12,7	12,4	1770 ÷ 1770				
15	53,2	53,4	30,7	30,8	30,4	30,2	17,5	17,4	1770 ÷ 1775				
											1000 VI	-15 / 40	No

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS SERIES
THREE-PHASE MOTORS AT 60 Hz, 4 POLES (from 18,5 to 90 kW)

P_N	Efficiency η_N %						IE	Year of construction
	Δ 220 V Y 380 V			Δ 380 V Y 660 V				
kW	4/4	3/4	2/4	4/4	3/4	2/4		
18,5	93,8	93,6	92,4	93,8	93,6	92,4	3	from 11/2014
22	94,0	93,8	93,0	94,0	93,8	93,0		
30	94,4	94,2	93,6	94,4	94,2	93,6		
37	93,2	92,9	91,7	93,2	92,9	91,7		
45	95,1	94,7	94,2	95,1	94,7	94,2		
55	95,4	95,0	94,2	95,4	95,0	94,2		
75	-	-	-	95,5	95,1	94,0		
90	-	-	-	95,6	95,3	94,7		

P_N	Manufacturer: WEG Equipamentos Eletricos S.A. Reg. No 07.175.725/0010-50 Jaragua do Sul - SC (Brazil) Model	IEC SIZE	Construction Design	N. of Poles	f_N	Data for 380 V / 60 Hz				
kW					Hz	cosφ	Is / I_N	TN Nm	Ts/T_N	Tm/Tn
18,5	W22 180M4-B35 18,5kW E3	180	B35	4	60	0,83	7,00	100,0	3,00	3,10
22	W22 180L4-B35 22kW E3	180				0,83	7,20	118,6	3,00	3,00
30	W22 200L4-B35 30kW E3	200				0,84	6,60	161,7	2,50	2,80
37	W22 225S/M4-B35 37kW E3	225				0,86	6,40	199,0	2,10	2,60
45	W22 225S/M4-B35 45kW E3	225				0,85	7,50	241,1	2,40	2,80
55	W22 250S/M4-B35 55kW E3	250				0,86	7,90	295,0	2,70	3,00
75	W22 280S/M4-B35 75kW E3	280				0,86	7,40	400,0	2,00	2,70
90	W22 280S/M4-B35 90kW E3	280				0,86	7,20	482,0	2,00	2,70

P_N	Voltage U_N V				n_N	Observe the regulations and codes locally in force regarding sorted waste disposal.	Operating conditions **		
	Δ	Y	Δ	Y			Altitude above sea Level (m)	T. amb min/max °C	ATEX
kW	220 V	380 V	380 V	660 V	min^{-1}				
	I_N (A)								
18,5	62,4	36,1	36,1	20,8	1770		≤ 1000	-15 / 40	No
22	74,0	42,8	42,8	24,7	1775				
30	99,2	57,4	57,4	33,1	1775				
37	121,0	70,1	70,1	40,4	1771				
45	146,0	84,5	84,5	48,7	1780				
55	176,0	102,0	102,0	58,7	1780				
75	-	-	139,0	80,0	1785				
90	-	-	167,0	96,0	1785				

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

Nscs-IE3-mott90-4p60-en_a_te

GOULDS WATER TECHNOLOGY
a xylem brand

NSCF, NSCC SERIES
THREE-PHASE MOTORS AT 60 Hz, 4 POLES (from 0,25 to 15 kW)

P_N	Efficiency η_N %												IE	Year of construction
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V				
kW	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4		
0,25	-	-	-	-	-	-	-	-	-	-	-	-	-	
0,37	-	-	-	-	-	-	-	-	-	-	-	-	-	06/2011
0,55	-	-	-	-	-	-	-	-	-	-	-	-	-	
0,75	85,7	85,4	82,9	85,7	85,4	82,9	85,7	85,4	82,9	85,7	85,4	82,9		01/2017
1,1	87,0	86,2	83,2	87,0	86,2	83,2	87,0	86,2	83,2	87,0	86,2	83,2		
1,5	88,0	87,0	84,0	88,0	87,0	84,0	88,0	87,0	84,0	88,0	87,0	84,0		
2,2	89,5	89,4	87,5	89,5	89,4	87,5	89,5	89,4	87,5	89,5	89,4	87,5		
3	90,0	89,5	87,3	90,0	89,5	87,3	90,0	89,5	87,3	90,0	89,5	87,3		
4	90,0	89,9	88,1	90,0	89,9	88,1	90,0	89,9	88,1	90,0	89,9	88,1	3	11/2014
5,5	91,7	91,2	89,4	91,7	91,2	89,4	91,7	91,2	89,4	91,7	91,2	89,4		
7,5	91,7	91,8	90,4	91,7	91,8	90,4	91,7	91,8	90,4	91,7	91,8	90,4		
11	92,7	92,7	91,4	92,7	92,7	91,4	92,7	92,7	91,4	92,7	92,7	91,4		
15	93,3	92,9	91,4	93,3	92,9	91,4	93,3	92,9	91,4	93,3	92,9	91,4		

P_N	Manufacturer: Xylem Service Italia Srl, Reg. No. 07520560967, Montecchio Maggiore Vicenza - Italia	IEC SIZE	Construction Design	N. of Poles	f_N	Data for 380 V / 60 Hz				
kW	Model				Hz	cosφ	Is / I_N	TN Nm	Ts/T_N	Tm/Tn
0,25	SM471B3/302	71				0,68	3,45	1,45	2,37	2,15
0,37	SM471B3/304	71				0,68	3,52	2,17	2,65	2,05
0,55	SM480B3/305	80				0,77	3,55	3,18	1,80	1,90
0,75	LLM480B3/307	80				0,79	6,50	4,10	3,30	3,80
1,1	PLM490B3/311 E3	90				0,70	6,55	6,02	2,50	3,52
1,5	PLM490B3/315 E3	90				0,69	7,34	8,18	2,99	4,1
2,2	PLM4100B3/322 E3	100	B3	4	60	0,77	7,74	12,0	2,28	3,8
3	PLM4100B3/330 E3	100				0,74	8,18	16,3	2,35	4,39
4	PLM4112B3/340 E3	112				0,79	8,81	21,8	3,01	4,18
5,5	PLM4132B3/355 E3	132				0,77	7,67	29,7	2,63	3,61
7,5	PLM4132B3/375 E3	132				0,79	7,88	40,7	2,54	3,53
11	PLM4160B3/3110 E3	160				0,82	7,50	59,3	2,46	3,27
15	PLM4160B3/3150 E3	160				0,79	8,83	80,7	2,91	3,99

P_N	Voltage U_N V								n_N	Observe the regulations and codes locally in force regarding sorted waste disposal.	Operating conditions **		
	Δ		Y		Δ		Y				Altitude above sea Level (m)	T. amb min/max °C	ATEX
kW	220 V	230 V	380 V	400 V	380 V	400 V	660 V	690 V	min^{-1}				
	I_N (A)												
0,25	1,51	-	0,87	-	-	-	-	-	1650				
0,37	2,18	-	1,26	-	-	-	-	-	1630				
0,55	2,74	-	1,58	-	-	-	-	-	1650				
0,75	3,00	3,00	1,75	1,75	1,75	1,75	1,00	1,00	1735 ÷ 1745				
1,1	4,76	4,77	2,75	2,75	2,72	2,72	1,57	1,57	1740 ÷ 1750				
1,5	6,53	6,59	3,77	3,80	3,78	3,81	2,18	2,20	1750 ÷ 1755				
2,2	8,38	8,28	4,84	4,78	4,82	4,76	2,78	2,75	1755 ÷ 1760				
3	12,0	12,0	6,91	6,95	6,75	6,72	3,89	3,88	1755 ÷ 1760				
4	14,7	14,5	8,50	8,39	8,46	8,35	4,89	4,82	1750 ÷ 1760				
5,5	20,6	20,4	11,9	11,8	12,0	11,9	6,95	6,88	1765 ÷ 1770				
7,5	27,1	26,7	15,7	15,4	15,7	15,5	9,08	8,94	1760 ÷ 1765				
11	38,1	37,4	22,0	21,6	22,0	21,5	12,7	12,4	1770 ÷ 1770				
15	53,2	53,4	30,7	30,8	30,4	30,2	17,5	17,4	1770 ÷ 1775				
											≤ 1000	-15 / 40	No

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

Nscf-IE3-mott15-4p60-en_b_te

GOULDS WATER TECHNOLOGY
a xylem brand

NSCF, NSCC SERIES
THREE-PHASE MOTORS AT 60 Hz, 4 POLES (from 18,5 to 400 kW)

P_N	Efficiency η_N %						IE	Year of construction
	Δ 220 V Y 380 V			Δ 380 V Y 660 V				
kW	4/4	3/4	2/4	4/4	3/4	2/4		
18,5	93,8	93,6	92,4	93,8	93,6	92,4	3	from 11/2014
22	94,0	93,8	93,0	94,0	93,8	93,0		
30	94,4	94,2	93,6	94,4	94,2	93,6		
37	93,2	92,9	91,7	93,2	92,9	91,7		
45	95,1	94,7	94,2	95,1	94,7	94,2		
55	95,4	95,0	94,2	95,4	95,0	94,2		
75	-	-	-	95,5	95,1	94,0		
90	-	-	-	95,6	95,3	94,7		
110	-	-	-	95,8	95,3	94,2		
132	-	-	-	96,2	95,5	94,5		
160	-	-	-	96,2	95,8	94,7		
200	-	-	-	95,2	95,5	95,3		
250	-	-	-	95,6	95,6	95,0		
315	-	-	-	96,7	96,5	95,8		
355	-	-	-	96,8	96,7	96,1		
400	-	-	-	96,8	96,6	96,3		

P_N	Manufacturer WEG Equipamentos Eletricos S.A. Reg. No 07.175.725/0010-50 Jaragua do Sul - SC (Brazil) Model	IEC SIZE	Construction Design	N. of Poles	f_N	Data for 60 Hz				
kW					Hz	cosφ	Is / I_N	TN Nm	Ts/T_N	Tm/Tn
18,5	W22 180M4-B3 18.5kW E3	180	B3	4	60	0,83	7,00	100,0	3,00	3,10
22	W22 180L4-B3 22kW E3	180				0,83	7,20	118,6	3,00	3,00
30	W22 200L4-B3 30kW E3	200				0,84	6,60	161,7	2,50	2,80
37	W22 225S/M4-B3 37kW E3	225				0,86	6,40	199,0	2,10	2,60
45	W22 225S/M4-B3 45kW E3	225				0,85	7,50	241,1	2,40	2,80
55	W22 250S/M4-B3 55kW E3	250				0,86	7,90	295,0	2,70	3,00
75	W22 280S/M4-B3 75kW E3	280				0,86	7,40	400,0	2,00	2,70
90	W22 280S/M4-B3 90kW E3	280				0,86	7,20	482,0	2,00	2,70
110	W22 315S/M4-B3 110kW E3	315				0,86	7,00	587,0	2,00	2,40
132	W22 315S/M4-B3 132kW E3	315				0,86	7,40	704,0	2,40	2,60
160	W22 315S/M4-B3 160kW E3	315				0,86	8,70	853,5	2,75	2,85
200	W22 315L4-B3 200kW E3	315				0,87	5,50	1078	1,80	1,90
250	W22 315L4-B3 250kW E3	315				0,86	6,60	1333	2,10	2,20
315	W22 355M/L4-B3 315kW E3	355				0,86	8,20	1675	2,70	2,70
355	W22 355M/L4-B3 355kW E3	355				0,86	7,90	1891	2,80	2,50
400	W22 355A/B4-B3 400kW E3	355				0,86	7,40	2136	2,40	2,40

P_N	Voltage U_N V				n_N	Observe the regulations and codes locally in force regarding sorted waste disposal.	Operating conditions **		
	Δ	Y	Δ	Y			Altitude above sea Level (m)	T. amb min/max °C	ATEX
kW	220 V	380 V	380 V	660 V	min^{-1}				
	I_N (A)								
18,5	62,4	36,1	36,1	20,8	1770		≤ 1000	-15 / 40	No
22	74,0	42,8	42,8	24,7	1775				
30	99,2	57,4	57,4	33,1	1775				
37	121,0	70,1	70,1	40,4	1771				
45	146,0	84,5	84,5	48,7	1780				
55	176,0	102,0	102,0	58,7	1780				
75	-	-	139,0	80,0	1785				
90	-	-	167,0	96,0	1785				
110	-	-	203,0	117,0	1790				
132	-	-	243,0	140,0	1790				
160	-	-	294,0	169,0	1790				
200	-	-	368,0	212,0	1778				
250	-	-	456,9	265,0	1786				
315	-	-	575,0	331,0	1790				
355	-	-	648,0	373,0	1790				
400	-	-	731,0	421,0	1790				

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

e-NSC SERIES
AVAILABLE VOLTAGES FOR SM AND PLM MOTORS

	SINGLE-PHASE							
	50 Hz			60 Hz				
P_N kW	1 x 220-240	1 x 100	1 x 110-120	1 x 220-230	1 x 100	1x 110-115	1 x 120-127	1 x 200-210
0,37	s	o	o	s	-	o	-	-
0,55	s	o	o	s	o	o	o	o
0,75	s	o	o	s	o	o	o	o
1,1	s	-	o	s	-	o	-	o
1,5	s	-	-	s	-	o	-	o
2,2	s	-	-	s	-	-	-	-

	THREE-PHASE																
	50/60 Hz		50 Hz							60 Hz							
P_N kW	3 x 230/400 50 Hz 3 x 265/460 60 Hz	3 x 400/690 50 Hz 3 x 460/- 60 Hz	3 x 220-230-240/380-400-415	3 x 380-400-415/660-690	3 x 200-208/346-360	3 x 255-265/440-460	3 x 290-300/500-525	3 x 440-460/-	3 x 500-525/-	3 x 220-230/380-400	3 x 255-265-277/440-460-480	3 x 380-400/660-690	3 x 440-460-480/-	3 x 110-115/190-200	3 x 200-208/346-360	3 x 330-346/575-600	3 x 575/-
0,37	s	o	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
0,55	s	o	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
0,75	s	o	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
1,1	s	o	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
1,5	s	o	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
2,2	s	o	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
3	s	o	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
4	o	s	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
5,5	o	s	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
7,5	o	s	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
11	o	s	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
15	o	s	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
18,5	o	s	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o
22	o	s	o	o	o	o	o	o	o	s	o	o	o	o	o	o	o

s = Standard voltage o = Voltage upon request - = Not available

nsc-volt-lowa-en_a_te

For higher power motors special voltages available on request.

e-NSC SERIES
MOTOR NOISE

The tables below show the mean sound pressure levels (Lp) measured at 1 meter's distance in a free field according to the A curve (ISO 1680 standard). The noise values are measured with idling 60 Hz motor with a tolerance of 3 dB (A).

MOTORS 2 POLES 60 Hz

POWER kW	MOTOR TYPE IEC SIZE	NOISE LpA dB
1,5	90R	<70
	90	<70
2,2	90	<70
3	90	<70
	100R	<70
	100	<70
4	112R	<70
	112	<70
5,5	112	<70
	132R	<70
	132	71
7,5	132	71
9,2	132	73
11	132	73
	160	71
15	160	71
18,5	160	73
22	160	70
	180R	70
	180	72
30	200	76
37	200	76
45	225	79
55	250	79
75	280	81
90	280	81
110	315	81

*R=Reduced size of motor as compared to shaft extension and flange.

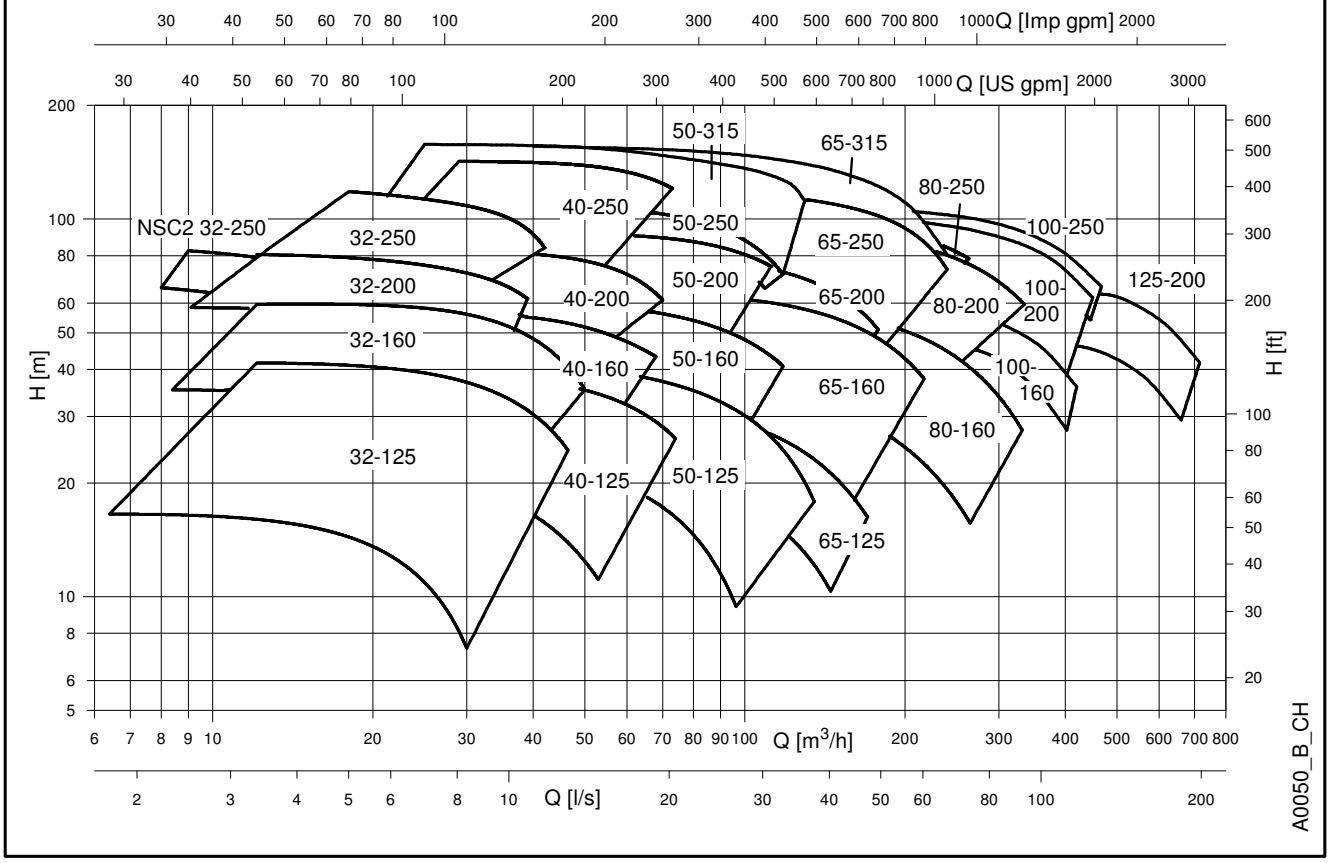
MOTORS 4 POLES 60 Hz

POWER kW	MOTOR TYPE IEC SIZE	NOISE LpA dB
0,25	71	<70
0,37	71	<70
0,55	80	<70
	90R	<70
0,75	80	<70
	90R	<70
1,1	90	<70
1,5	90	<70
2,2	100	<70
3	100	<70
4	112	<70
5,5	132	<70
7,5	132	<70
11	160	<70
15	160	<70
18,5	180	64
22	180	64
30	200	66
37	225	67
45	225	67
55	250	68
75	280	73
90	280	73
110	315	75
132	315	75
160	315	75
200	315	75
250	315	77
315	355	78
355	355	78
400	355	78

Nsc_mott-60hz-en_b_tr

e-NSC SERIES
HYDRAULIC PERFORMANCE RANGE AT 60 Hz, 2 POLES

NSC	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B



GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC 32, 40, 50 SERIES
HYDRAULIC PERFORMANCE TABLE AT 60 Hz, 2 POLES

PUMP TYPE	P_N	Impeller Ø	Impeller ○ ● (1)	ηp % (2)	Q = DELIVERY l/s 0	2,0	3,1	4,2	5,3	6,4	7,5	8,6	9,7	10,8	11,9	13,1	13,9
					m^3/h 0	7	11	15	19	23	27	31	35	39	43	47	50
	kW	mm			H = TOTAL HEAD METRES COLUMN OF WATER												
32-125/15 *	1,5	104	○	57,6	16,0	16,5	16,2	15,4	14,0	12,1	9,6						
32-125/22 *	2,2	118	○	63,6	23,3		23,3	22,6	21,3	19,5	17,1	14,1					
32-125/30	3	128	○	64,5	28,8		29,2	28,6	27,6	26,0	23,9	21,2	17,9				
32-125/40	4	133	○	68,8	32,3		33,5	33,5	33,0	32,0	30,3	28,1	25,3	22,0			
32-125/55	5,5	145	●	69,1	40,3			41,4	40,8	39,8	38,4	36,5	34,1	31,2	27,8		
32-160/40	4	137	○	62,7	35,4		35,2	34,7	33,8	32,3	30,2	27,4	23,8				
32-160/55	5,5	150	○	66,0	43,1		43,7	43,5	42,8	41,7	39,9	37,5	34,2	30,0			
32-160/75	7,5	160,5	○	66,4	50,3		51,4	51,4	50,9	49,9	48,3	46,2	43,3	39,5	35,0		
32-160/92	9,2	171	○	68,2	58,1			59,5	59,1	58,3	56,9	54,9	52,2	48,8	44,5	39,4	34,9
32-160/110A	11	171	●	68,2	58,1			59,5	59,1	58,3	56,9	54,9	52,2	48,8	44,5	39,4	34,9
32-200/75	7,5	171	○	59,8	58,6		58,2	57,5	56,4	54,5	51,4	46,7					
32-200/92	9,2	186	○	62,1	71,5		71,2	70,5	69,4	67,6	65,2	61,9	57,2				
32-200/110A	11	186	○	62,1	71,5		71,2	70,5	69,4	67,6	65,2	61,9	57,2				
32-200/110	11	198	●	62,3	81,0			80,0	78,7	76,7	74,2	71,2	67,2	61,5			
NSC2 32-250/55	5,5	152	○	48,2	71,4		62,5	56,3	48,4	39,6							
NSC2 32-250/75	7,5	164,5	●	49,0	87,5		80,5	74,8	67,1	57,9	48,0						
32-250/110	11	208	○	46,0	78,3			75,5	72,8	68,7	63,1	55,3					
32-250/150	15	226,5	○	47,1	96,8			95,1	93,3	90,7	86,9	81,5	73,9				
32-250/185	18,5	239	○	49,0	109,8				106,5	103,7	100,2	96,0	90,0	80,6			
32-250/220	22	252	●	49,5	122,5				117,7	114,7	111,4	107,5	102,3	94,0			

PUMP TYPE	P_N	Impeller Ø	Impeller ○ ● (1)	ηp % (2)	Q = DELIVERY l/s 0	3,2	4,7	6,4	8,1	9,7	11,4	13,1	14,7	16,4	18,1	19,7	20,6
					m^3/h 0	12	17	23	29	35	41	47	53	59	65	71	74
	kW	mm			H = TOTAL HEAD METRES COLUMN OF WATER												
40-125/30	3	105	○	70,0	21,2	21,9	21,7	21,1	20,0	18,4	16,4	14,0	11,5				
40-125/40	4	118	○	73,8	28,0		28,0	27,6	26,8	25,6	24,0	21,9	19,6				
40-125/55	5,5	130	○	75,9	34,5		34,4	34,0	33,3	32,3	30,8	28,8	26,5	23,8	20,8		
40-125/75	7,5	135	●	77,5	39,1			38,9	38,5	37,8	36,8	35,4	33,6	31,4	28,9	26,1	24,7
40-160/55	5,5	127	○	70,5	31,5		33,3	33,1	32,4	31,1	29,2	26,7					
40-160/75	7,5	139	○	72,1	39,3		41,0	41,0	40,5	39,4	37,8	35,7	33,1				
40-160/925	9,2	154	○	75,2	48,5		50,7	50,9	50,7	50,0	48,7	47,0	44,7	42,0			
40-160/110A	1,1	154	○	75,2	48,5		50,7	50,9	50,7	50,0	48,7	47,0	44,7	42,0			
40-160/110	11	163	●	77,2	54,3			56,4	56,3	55,7	54,6	52,9	50,6	47,8	44,8		
40-200/92	9,2	165	○	63,1	53,0		53,7	53,5	52,8	51,4	49,1	45,6					
40-200/110A	11	165	○	63,1	53,0		53,7	53,5	52,8	51,4	49,1	45,6					
40-200/110	11	177	○	64,7	59,7		60,2	59,7	58,7	57,2	54,9	51,5	46,6				
40-200/150	15	189	○	65,7	72,4			74,0	73,8	72,9	71,3	68,7	65,1	60,3			
40-200/185	18,5	199	●	67,0	82,6			83,2	83,0	82,4	81,0	78,9	75,9	71,7	66,4		
40-250/185	18,5	210	○	61,5	88,9			88,9	88,2	86,8	84,6	81,3	76,5				
40-250/220	22	225	○	63,0	100,8				100,1	99,0	97,1	94,2	90,0	84,3			
40-250/300	30	243	○	64,5	124,4				123,8	123,1	121,9	120,0	117,1	113,0	107,4		
40-250/370	37	257,5	●	68,2	143,4				142,2	141,6	140,7	139,3	137,2	134,3	130,1	124,3	

PUMP TYPE	P_N	Impeller Ø	Impeller ○ ● (1)	ηp % (2)	Q = DELIVERY l/s 0	5,8	8,9	11,9	15,0	18,1	21,1	24,2	27,2	30,3	33,3	36,4	38,9
					m^3/h 0	21	32	43	54	65	76	87	98	109	120	131	140
	kW	mm			H = TOTAL HEAD METRES COLUMN OF WATER												
50-125/55	5,5	118	○	69,5	25,2		24,2	22,9	21,2	19,1	16,4	13,4					
50-125/75	7,5	130	○	71,4	31,2		30,1	28,9	27,3	25,3	22,8	19,8	16,3	12,2			
50-125/92	9,2	140	○	73,9	37,0		35,6	34,6	33,2	31,5	29,3	26,7	23,5	19,9	15,8		
50-125/110A	11	140	○	73,9	37,0		35,6	34,6	33,2	31,5	29,3	26,7	23,5	19,9	15,8		
50-125/110	11	144	●	75,2	39,8		38,1	37,0	35,5	33,7	31,4	28,7	25,5	21,9	17,6		
50-160/92	9,2	144	○	71,0	40,0		38,6	37,2	35,4	33,1	30,1	26,4					
50-160/110A	11	144	○	71,0	40,0		38,6	37,2	35,4	33,1	30,1	26,4					
50-160/110	11	152	○	73,4	44,5		43,2	41,9	40,2	38,1	35,4	32,2					
50-160/150	15	170	○	73,9	56,3		55,5	54,7	53,4	51,5	49,0	45,9	42,1				
50-160/185	18,5	176	●	74,0	38,5		37,9	37,3	36,4	35,2	33,6	31,6	29,3	26,5	23,5		
50-200/185	18,5	179	○	72,8	61,0		63,0	63,2	62,6	61,1	58,5	54,8					
50-200/220	22	195	○	73,6	71,0		72,6	72,7	72,1	70,6	68,1	64,4	59,6				
50-200/300	30	209	●	74,6	89,0		89,4	89,6	89,4	88,5	86,7	83,9	80,0				
50-250/220	22	202	○	67,6	74,8	75,9	75,9	75,0	73,0	69,5	64,3	57,1					
50-250/300	30	220	○	69,9	97,1		96,5	95,9	94,7	92,5	89,2	84,2	77,0				
50-250/370	37	232	●	70,5	108,7		109,3	108,7	107,4	105,1	101,7	96,7	89,9				
50-315/550	55	264	○	61,6	134,3		133,9	131,2	127,2	122,8	118,9	115,7	112,1	105,3	90,2		
50-315/750	75	276	●	62,0	157,6		157,6	156,2	153,4	149,6	145,3	141,1	137,1	132,4	125,6	113,6	96,8

Hydraulic performances in compliance with ISO 9906:2012 - Grade 3B (ex ISO 9906:1999 - Annex A)

Nsc-32-40-50_2p60-en_b_th

(1) ● = Full impeller diameter - ○ = Trimmed impeller diameter (2) Hydraulic efficiency of pump.

*Available also in single-phase version.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC 65, 80 SERIES
HYDRAULIC PERFORMANCE TABLE AT 60 Hz, 2 POLES

PUMP TYPE	P_N	Impeller Ø	○ ●	ηp %	Q = DELIVERY l/s	0	8,1	13,3	18,6	23,9	29,2	34,4	39,7	45,0	50,3	55,6	60,8	66,7
					m^3/h	0	29	48	67	86	105	124	143	162	181	200	219	240
	kW	mm	(1)	(2)	H = TOTAL HEAD METRES COLUMN OF WATER													
65-125/75	7,5	113	○	79,7	21,4	22,3	21,8	20,8	19,3	17,5	15,2	12,5						
65-125/92	9,2	124	○	80,3	26,8		27,3	26,4	25,0	22,8	19,9	16,5						
65-125/110A	11	124	○	80,3	26,8		27,3	26,4	25,0	22,8	19,9	16,5						
65-125/110	11	132	●	80,3	31,6		32,2	31,4	30,0	27,8	25,1	21,8	18,2					
65-160/150	15	151	○	80,9	42,5		42,3	41,5	39,9	37,3	33,8	29,6	24,7					
65-160/185	18,5	159	○	81,1	47,8		47,4	46,6	45,1	42,7	39,4	35,3	30,6	25,5				
65-160/220	22	168	○	82,2	54,1		53,8	53,1	51,8	49,7	46,8	43,1	38,7	33,6				
65-160/300	30	180	●	82,6	63,9		63,4	62,6	61,4	59,7	57,5	54,6	51,0	46,7	41,7			
65-200/220	22	173	○	77,0	59,2		58,7	57,4	54,9	50,9	45,5	38,5						
65-200/300	30	189	○	79,1	71,9		71,8	70,8	68,8	65,6	61,0	55,1	47,8					
65-200/370	37	199	●	79,5	80,3		80,1	79,4	77,7	74,9	70,7	65,3	58,4	50,3				
65-250/450	45	210	○	76,1	87,9		91,6	90,0	87,6	84,4	80,5	75,8	69,9	62,3				
65-250/550	55	223	○	77,3	101,4		104,1	103,7	102,3	99,9	96,3	91,5	85,4	77,9	68,9			
65-250/750	75	243	●	80,3	114,3		119,2	119,1	118,1	116,3	113,6	110,1	105,6	99,9	92,9	84,2	72,2	
65-315/750	75	255	○	68,1	129,8		129,4	127,3	124,2	120,2	115,2	108,8	100,9	90,9	78,3	62,3		
65-315/900	90	266	○	67,8	142,1		141,3	139,1	136,1	132,3	127,4	121,3	113,9	104,6	93,1	78,9		
65-315/1100	110	278	●	68,2	155,0		155,4	153,4	150,4	146,6	141,8	136,1	129,2	120,8	110,5	97,9	80,5	

PUMP TYPE	P_N	Impeller Ø	○ ●	ηp %	Q = DELIVERY l/s	0	14,8	21,9	29,2	36,4	43,6	50,8	58,1	65,3	72,5	79,7	86,9	93
					m^3/h	0	53	79	105	131	157	183	209	235	261	287	313	335
	kW	mm	(1)	(2)	H = TOTAL HEAD METRES COLUMN OF WATER													
80-160/185	18,5	144	○	74,6	39,3	39,0	37,7	35,8	33,2	30,2	26,9	23,4	19,7	16,3				
80-160/220	22	152	○	78,1	44,9		43,2	41,4	39,0	36,1	32,7	28,9	24,8	20,6				
80-160/300	30	168	○	80,1	54,7		53,7	52,4	50,6	48,1	45,0	41,4	37,3	32,9	28,4			
80-160/370	37	177	●	81,5	61,6		60,6	59,4	57,7	55,5	52,7	49,4	45,7	41,5	37,1	32,3		
80-200/450	45	188	○	82,2	69,5		70,0	69,0	67,2	64,8	61,7	57,9	53,4	48,3				
80-200/550	55	201	○	82,6	81,7		81,3	80,4	79,0	76,7	73,7	69,8	65,2	59,9	54,3			
80-200/750	75	219	●	83,5	97,9		97,9	97,4	96,5	94,9	92,7	89,8	86,0	81,5	76,2	70,2	64,5	
80-250/550	55	214	○	82,1	89,7		95,2	93,9	91,2	87,3	83,1	78,7						
80-250/750	75	227	●	83,2	100,9		107,3	106,5	104,5	101,5	97,6	93,0	88,0					

Hydraulic performances in compliance with ISO 9906:2012 - Grade 3B (ex ISO 9906:1999 - Annex A)

Nsc-65-80_2p60-en_a_th

(1) ● = Full impeller diameter - O = Trimmed impeller diameter (2) Hydraulic efficiency of pump.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC 100, 125 SERIES
HYDRAULIC PERFORMANCE TABLE AT 60 Hz, 2 POLES

PUMP TYPE	P_N	Impeller Ø	○ ●	ηp %	Q = DELIVERY l/s	0	20	30	40	50	60	70	80	90	100	110	120	130
					m^3/h	0	72	108	144	180	216	252	288	324	360	396	432	468
	kW	mm	(1)	(2)	H = TOTAL HEAD METRES COLUMN OF WATER													
100-160/300	30	148	○	77,6	38,0	37,8	37,5	36,8	35,5	33,4	30,6	27,0	22,8	18,0			
100-160/370	37	164	○	80,1	47,0		46,3	45,6	44,4	42,5	39,7	36,2	31,9	26,9			
100-160/450	45	176	○	82,1	55,0		53,7	53,0	51,8	49,9	47,2	43,7	39,4	34,4	28,7		
100-160/550	55	190	●	84,5	65,0		63,3	62,4	61,1	59,4	57,1	54,2	50,5	45,9	40,3		
100-200/550	55	192	○	80,1	69,8		69,3	68,2	66,3	63,5	59,5	54,3	48,2	41,0			
100-200/750	75	208	○	82,6	83,3		82,9	82,2	80,9	78,6	75,3	70,9	65,4	58,7	51,0		
100-200/900	90	222	○	84,0	95,4		95,0	94,4	93,1	91,2	88,3	84,5	79,6	73,6	66,5	58,2	
100-200/1100	110	229	●	85,0	101,9		101,6	100,9	99,6	97,7	95,0	91,4	86,8	81,2	74,5	66,5	
100-250/900	90	222	○	82,0	93,4		93,6	93,2	92,0	90,0	87,0	83,0	78,0	71,9	64,9	57,2	
100-250/1100	110	237	●	83,4	106,9		107,2	106,9	106,0	104,4	101,9	98,4	93,9	88,4	81,8	74,4	

PUMP TYPE	P_N	Impeller Ø	○ ●	ηp %	Q = DELIVERY l/s	0	28,6	44,2	59,7	75,3	90,8	106,4	121,9	137,5	153,1	168,6	184,2	198,6
					m^3/h	0	103	159	215	271	327	383	439	495	551	607	663	715
	kW	mm	(1)	(2)	H = TOTAL HEAD METRES COLUMN OF WATER													
125-200/750	75	175	○	78,2	48,0	47,7	47,3	47,2	47,3	47,4	46,9	45,5	43,0	39,1	34,3		
125-200/900	90	190	○	80,2	58,9		58,5	58,4	58,1	57,4	56,1	54,1	51,2	47,4	42,6	36,9	
125-200/1100	110	204	●	82,3	69,9		69,7	69,8	69,6	69,0	67,8	65,7	62,7	58,7	53,6	47,7	41,7

Hydraulic performances in compliance with ISO 9906:2012 - Grade 3B (ex ISO 9906:1999 - Annex A)

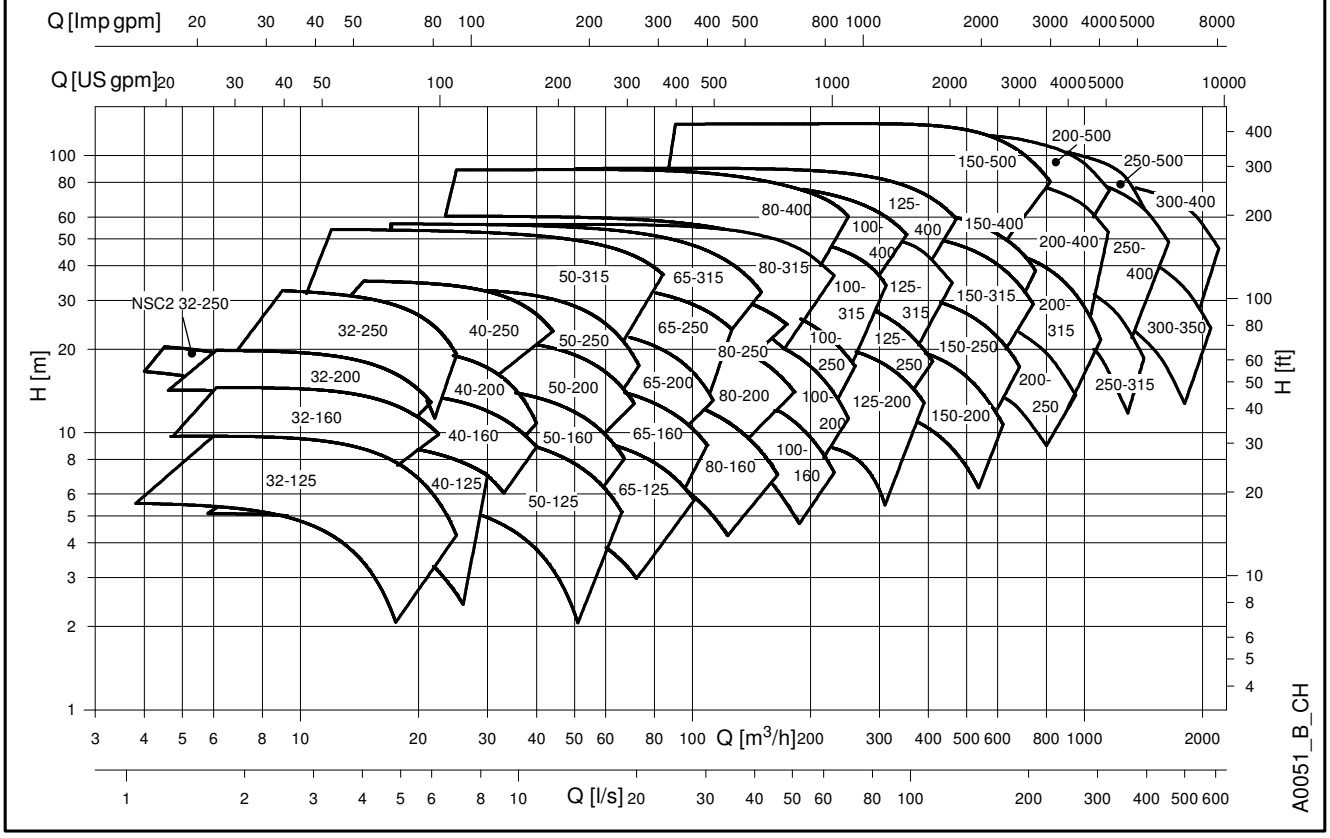
Nsc-100-125_2p60-en_a_th

(1) ● = Full impeller diameter - **O** = Trimmed impeller diameter (2) Hydraulic efficiency of pump.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
HYDRAULIC PERFORMANCE RANGE AT 60 Hz, 4 POLES

NSC	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B



GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC 32, 40, 50 SERIES
HYDRAULIC PERFORMANCE TABLE AT 60 Hz, 4 POLES

PUMP TYPE	P_N	Impeller Ø	○ ● (1)	ηp % (2)	Q = DELIVERY l/s 0	1,1	1,7	2,2	2,8	3,3	3,9	4,4	5,0	5,6	6,1	6,7	6,9
					m^3/h 0	4	6	8	10	12	14	16	18	20	22	24	25
	kW	mm			H = TOTAL HEAD METRES COLUMN OF WATER												
32-125/02	0,25	118	○	61,1	5,6	5,5	5,4	5,2	4,8	4,3	3,6	2,8					
32-125/03	0,37	128	○	62,4	7,0		6,9	6,7	6,4	6,0	5,4	4,6	3,7				
32-125/05	0,55	133	○	65,5	7,9		8,0	7,9	7,7	7,4	6,9	6,2	5,4	4,5			
32-125/07	0,75	145	●	66,9	9,9		10,2	10,2	10,0	9,8	9,4	8,9	8,2	7,5	6,6	5,6	5,0
32-160/05	0,55	150	○	60,4	9,9		9,9	9,7	9,4	9,0	8,3	7,4					
32-160/07	0,75	160,5	○	63,7	12,3		12,4	12,4	12,2	11,9	11,4	10,6	9,7				
32-160/11	1,1	171	●	65,9	14,4		14,5	14,5	14,4	14,1	13,7	13,1	12,3				
32-200/11	1,1	186	○	58,9	17,4		17,3	17,2	16,9	16,3	15,6	14,5					
32-200/15	1,5	198	○	60,4	19,8		19,8	19,7	19,4	19,0	18,2	17,2	15,9	14,3			
32-200/22	2,2	205	●	63,6	22,2		22,0	22,0	21,9	21,6	21,1	20,4	19,4	18,0	16,2		
NSC2 32-250/11A	1,1	152	○	45,9	18,2	16,6	15,4	13,7	11,6	9,2							
NSC2 32-250/11	1,1	164,5	●	46,5	22,0		19,5	17,9	15,8	13,4	10,7						
32-250/22	2,2	226,5	○	46,1	23,8			23,4	22,8	22,0	20,8	19,3	17,4	14,8	11,2		
32-250/30A	3	239	○	46,5	27,2			26,7	26,1	25,3	24,2	22,9	21,1	18,7	15,5		
32-250/30	3	252	○	47,5	30,3				29,1	28,4	27,4	26,1	24,3	22,1	19,2	15,5	
32-250/40	4	259	●	49,4	33,8				32,9	32,2	31,3	30,0	28,5	26,4	23,9	20,5	18,5

PUMP TYPE	P_N	Impeller Ø	○ ● (1)	ηp % (2)	Q = DELIVERY l/s 0	1,7	2,5	3,3	4,2	5,0	5,8	6,7	7,5	8,3	9,2	10,0	12,2
					m^3/h 0	6	9	12	15	18	21	24	27	30	33	36	44
	kW	mm			H = TOTAL HEAD METRES COLUMN OF WATER												
40-125/03	0,37	105	○	67,6	5,1	5,1	5,0	4,8	4,5	4,1	3,6	3,0	2,3				
40-125/05	0,55	118	○	70,5	6,7		6,6	6,5	6,2	5,9	5,4	4,8	4,2	3,6			
40-125/07	0,75	130	○	75,3	8,5		8,4	8,3	8,1	7,9	7,5	7,0	6,4	5,7	5,0		
40-125/11	1,1	135	●	75,7	9,6			9,6	9,5	9,3	9,0	8,6	8,2	7,6	7,0	6,4	
40-160/07	0,75	127	○	66,8	7,9		8,1	8,1	7,9	7,5	7,0	6,4	5,6	4,6			
40-160/11	1,1	139	○	70,0	9,7		10,0	10,0	9,9	9,7	9,2	8,7	7,9	7,1	6,1		
40-160/15A	1,5	154	○	70,3	12,2		12,4	12,5	12,4	12,3	12,0	11,5	11,0	10,2	9,4	8,4	
40-160/15	1,5	163	●	71,2	13,5			14,0	13,9	13,8	13,6	13,2	12,6	11,9	11,1	10,2	
40-200/15	1,5	177	○	60,6	14,8		14,8	14,7	14,5	14,1	13,4	12,4	11,0	9,0			
40-200/22	2,2	189	○	63,8	17,9			18,1	18,0	17,8	17,3	16,6	15,6	14,2	12,5	10,2	
40-200/30	3	199	●	65,4	20,6			20,6	20,5	20,3	19,9	19,3	18,5	17,3	15,8	13,9	
40-250/22	2,2	210	○	58,7	21,7			21,6	21,3	20,8	20,1	19,0	17,5				
40-250/30	3	225	○	62,2	25,1			25,1	24,9	24,5	23,9	23,1	21,9	20,3	18,3		
40-250/40	4	243	○	62,6	30,4				30,1	29,9	29,5	28,9	28,0	26,8	25,2	23,3	
40-250/55	5,5	257,5	●	64,7	34,9				34,9	34,7	34,5	34,1	33,4	32,5	31,3	29,7	23,2

PUMP TYPE	P_N	Impeller Ø	○ ● (1)	ηp % (2)	Q = DELIVERY l/s 0	3,1	5,0	6,9	8,9	10,8	12,8	14,7	16,7	18,6	20,6	22,5	23,3
					m^3/h 0	11	18	25	32	39	46	53	60	67	74	81	84
	kW	mm			H = TOTAL HEAD METRES COLUMN OF WATER												
50-125/07	0,75	118	○	62,7	6,4	6,1	5,8	5,3	4,7	3,9	2,8						
50-125/11A	1,1	130	○	64,0	7,9		7,2	6,8	6,2	5,4	4,4	3,2					
50-125/11	1,1	140	○	68,9	9,0		8,5	8,1	7,6	6,9	6,0	4,9					
50-125/15	1,5	144	●	70,1	10,0		9,2	8,8	8,3	7,6	6,7	5,6	4,3				
50-160/11	1,1	144	○	70,3	9,9		9,4	8,8	8,1	7,1	5,9						
50-160/15	1,5	152	○	70,5	10,9		10,6	10,1	9,5	8,6	7,4						
50-160/22	2,2	170	○	74,2	14,1		13,7	13,3	12,7	12,0	10,9	9,6	8,1				
50-160/30	3	176	●	74,6	15,7		15,1	14,8	14,3	13,6	12,7	11,5	10,1	8,5			
50-200/22	2,2	168	○	70,3	12,9		13,3	13,3	12,8	11,9	10,4	8,4					
50-200/30A	3	179	○	72,9	15,1		15,6	15,6	15,2	14,3	13,0	11,2					
50-200/30	3	195	○	73,2	17,6		18,0	17,9	17,5	16,7	15,4	13,6	11,3				
50-200/40	4	209	●	75,9	22,1		22,0	21,9	21,5	20,9	20,0	18,7	17,0	14,8			
50-250/40	4	220	○	69,1	23,9		23,9	23,6	22,8	21,4	19,3	16,5	13,0				
50-250/55	5,5	232	○	69,3	26,8		26,9	26,6	26,0	24,7	22,9	20,3	17,0				
50-250/75	7,5	256	●	71,2	33,2		33,1	33,0	32,5	31,6	30,2	28,1	25,3	21,7			
50-315/75	7,5	260	○	60,1	33,9	33,7	33,2	32,4	31,4	30,2	28,7	26,8	24,1				
50-315/110	11	288	○	61,8	43,1		42,4	41,7	40,8	39,7	38,4	36,7	34,7	32,3	29,1		
50-315/150	15	322	●	63,3	54,3		53,7	53,2	52,6	51,6	50,4	48,9	47,0	44,8	42,3	39,5	38,2

Hydraulic performances in compliance with ISO 9906:2012 - Grade 3B (ex ISO 9906:1999 - Annex A)

Nsc-32-40-50_4p60-en_b_th

(1) ● = Full impeller diameter - ○ = Trimmed impeller diameter (2) Hydraulic efficiency of pump.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC 65, 80 SERIES
HYDRAULIC PERFORMANCE TABLE AT 60 Hz, 4 POLES

PUMP TYPE		Impeller			Q = DELIVERY												
		Ø	○ ●	ηp %	l/s 0	3,9	7,2	10,6	13,9	17,2	20,6	23,9	27,2	30,6	33,9	37,2	41,7
	P_N				m^3/h 0	14	26	38	50	62	74	86	98	110	122	134	150
	kW	mm	(1)	(2)	H = TOTAL HEAD METRES COLUMN OF WATER												
65-125/11A	1,1	113	○	74,4	5,4		5,3	4,9	4,4	3,6							
65-125/11	1,1	124	○	77,8	6,7		6,6	6,3	5,7	4,8	3,7						
65-125/15	1,5	132	○	77,9	7,9		7,8	7,6	7,0	6,2	5,2						
65-125/22	2,2	148	●	79,7	10,4		10,3	10,1	9,7	9,0	8,2	7,2	6,0				
65-160/22A	2,2	151	○	78,3	10,5		10,3	10,0	9,3	8,2	6,8	5,2					
65-160/22	2,2	159	○	79,0	11,7		11,6	11,3	10,6	9,6	8,3	6,6					
65-160/30	3	168	○	79,9	13,4		13,2	13,0	12,4	11,5	10,2	8,7	7,0				
65-160/40	4	180	●	82,5	15,9		15,6	15,3	14,8	14,1	13,1	11,8	10,3				
65-200/30	3	173	○	72,4	14,6		14,4	13,8	12,7	10,9	8,6						
65-200/40	4	189	○	77,7	17,7		17,5	17,1	16,2	14,8	12,9	10,3					
65-200/55A	5,5	199	○	78,5	19,9		19,8	19,4	18,6	17,4	15,6	13,2					
65-200/55	5,5	210	○	78,8	22,4		22,2	21,9	21,2	20,1	18,4	16,2	13,5				
65-200/75	7,5	220	●	79,0	24,7		24,5	24,0	23,3	22,3	20,7	18,4	15,4				
65-250/110A	11	243	○	77,4	29,7		31,0	30,9	30,4	29,5	28,2	26,5	24,4	21,9			
65-250/110	11	258	●	77,8	35,0		35,7	35,5	34,9	34,0	32,8	31,3	29,4	27,2			
65-315/110	11	266	○	68,8	34,7		34,5	33,7	32,6	31,1	29,1	26,5	23,3	19,1			
65-315/150	15	298	○	70,7	44,6		44,4	43,7	42,8	41,4	39,7	37,5	34,7	31,3	27,0		
65-315/185	18,5	315	○	71,2	50,4		50,1	49,6	48,7	47,4	45,8	43,7	41,2	38,1	34,3	29,8	
65-315/220	22	334	●	72,1	56,7		56,3	55,9	55,1	54,0	52,4	50,4	47,8	44,8	41,5	37,9	32,9

PUMP TYPE		Impeller			Q = DELIVERY												
		Ø	○ ●	ηp %	l/s 0	6,1	11,9	17,8	23,6	29,4	35,3	41,1	46,9	52,8	58,6	64,4	69,4
	P_N				m^3/h 0	22	43	64	85	106	127	148	169	190	211	232	250
	kW	mm	(1)	(2)	H = TOTAL HEAD METRES COLUMN OF WATER												
80-160/22	2,2	144	○	75,3	9,7		9,1	8,2	7,0	5,6	4,2						
80-160/30	3	152	○	77,0	11,1		10,5	9,6	8,4	6,9	5,3						
80-160/40	4	168	○	79,9	13,5		13,1	12,5	11,5	10,0	8,3	6,4					
80-160/55	5,5	177	●	80,3	15,3		15,0	14,5	13,5	12,1	10,4	8,6					
80-200/55	5,5	188	○	80,2	17,4		17,1	16,6	15,5	14,0	11,9	9,6					
80-200/75	7,5	201	○	80,7	19,9		19,8	19,4	18,5	17,0	15,0	12,5					
80-200/110	11	219	●	82,1	24,2		24,1	23,8	23,1	21,9	20,2	17,9	15,2				
80-250/75	7,5	214	○	79,3	23,1		23,2	22,4	21,1	19,3	16,9						
80-250/110A	11	227	○	81,1	26,6		26,7	26,1	25,0	23,3	21,1						
80-250/110	11	241	○	82,8	30,6		30,2	29,5	28,4	26,9	24,8						
80-250/150	15	259	●	83,1	35,0		34,8	34,5	33,8	32,5	30,5	27,9					
80-315/150	15	262	○	75,6	33,6		33,7	33,3	32,2	30,4	27,9	24,6	20,6				
80-315/185	18,5	274	○	75,5	37,2		37,2	36,9	36,1	34,5	32,2	29,0	25,2				
80-315/220	22	290	○	76,4	41,7		41,9	41,7	41,1	39,8	37,7	34,9	31,4	27,1			
80-315/300	30	315	○	77,2	49,7		49,8	49,7	49,3	48,4	46,8	44,5	41,5	37,6	33,1		
80-315/370	37	334	●	78,2	56,3		56,4	56,3	55,9	55,1	53,7	51,7	49,0	45,6	41,4		
80-400/370	37	347	○	68,5	60,0		60,1	59,6	58,0	55,8	53,1	50,0	46,1	40,1			
80-400/450	45	372	○	69,2	69,8		69,9	69,6	68,2	66,0	63,2	60,2	56,8	52,7	46,4		
80-400/550	55	396	○	70,6	79,9		79,9	79,8	78,8	76,9	74,4	71,5	68,4	65,0	60,4	53,3	
80-400/750	75	418	●	72,3	89,0		89,0	88,9	88,1	86,6	84,4	81,7	78,6	75,1	70,9	65,8	60,1

Hydraulic performances in compliance with ISO 9906:2012 - Grade 3B (ex ISO 9906:1999 - Annex A)

Nsc-65-80_4p60-en_b_th

(1) ● = Full impeller diameter - **O** = Trimmed impeller diameter (2) Hydraulic efficiency of pump.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC 100-125-150 SERIES
HYDRAULIC PERFORMANCE TABLE AT 60 Hz, 4 POLES

PUMP TYPE	P_N	Impeller Ø	○ ●	ηp %	Q = DELIVERY l/s 0	7,8	15,8	23,9	31,9	40,0	48,1	56,1	64,2	72,2	80,3	88,3	97,8
					m^3/h 0	28	57	86	115	144	173	202	231	260	289	318	352
	kW	mm	(1)	(2)	H = TOTAL HEAD METRES COLUMN OF WATER												
100-160/40	4	156	○	77,5	10,3		10,1	9,9	9,2	7,6	5,8						
100-160/55	5,5	176	○	81,5	13,5		13,4	13,1	12,2	10,8	8,8	6,6					
100-160/75	7,5	190	●	83,9	15,9		15,7	15,3	14,5	13,3	11,5	9,4					
100-200/55	5,5	180	○	80,2	14,7	14,7	14,5	13,9	12,6	10,4	7,6						
100-200/75	7,5	197	○	82,7	17,9		17,9	17,5	16,5	14,5	11,8	8,7					
100-200/110	11	222	○	83,2	23,3		23,1	22,8	22,0	20,5	18,2	15,2	11,8				
100-200/150	15	229	●	83,8	24,7		24,6	24,3	23,5	22,1	19,9	17,1	13,7				
100-250/110	11	222	○	81,2	22,7		22,7	22,4	21,6	20,1	17,9	15,1					
100-250/150	15	245	○	83,1	27,9		27,9	27,8	27,1	25,7	23,6	20,9	17,8				
100-250/185	18,5	259	●	84,0	31,7		31,8	31,6	30,8	29,3	27,1	24,4	21,1	17,5			
100-315/220	22	268	○	78,7	36,5		36,5	36,1	35,1	33,3	31,1	28,2	23,7				
100-315/300	30	291	○	79,7	43,0		42,9	42,8	42,0	40,5	38,4	36,0	32,8	28,1			
100-315/370	37	312	○	80,5	49,9		50,3	50,1	49,2	47,8	46,0	43,8	41,1	37,7	32,9		
100-315/450	45	326	○	80,8	55,0		54,8	54,8	54,2	53,0	51,2	49,1	46,5	43,2	38,9		
100-400/450	45	352	○	75,8	60,5		59,6	58,8	57,6	55,7	53,3	50,2	46,4	41,9	37,0		
100-400/550	55	382	○	76,6	72,0		70,4	69,5	68,3	66,7	64,6	61,9	58,6	54,7	50,0	44,8	
100-400/750	75	412	●	76,7	84,7		83,0	81,9	80,6	79,0	77,0	74,6	71,6	68,0	63,8	58,9	52,1

PUMP TYPE	P_N	Impeller Ø	○ ●	ηp %	Q = DELIVERY l/s 0	12,8	23,6	34,4	45,3	56,1	66,9	77,8	88,6	99,4	110,3	121,1	130,8
					m^3/h 0	46	85	124	163	202	241	280	319	358	397	436	471
	kW	mm	(1)	(2)	H = TOTAL HEAD METRES COLUMN OF WATER												
125-200/75	7,5	165	○	77,3	9,5	9,5	9,3	9,2	9,2	9,1	8,7	7,3					
125-200/110	11	190	○	82,0	14,5		14,3	14,2	14,2	13,8	12,8	11,1	9,3				
125-200/150	15	210	○	85,1	18,4		18,3	18,3	18,2	17,8	16,9	15,4	13,4	11,3			
125-200/185	18,5	225	●	85,4	21,6		21,5	21,5	21,3	21,0	20,2	18,9	17,1	14,9			
125-250/150	15	215	○	84,5	20,8		20,6	20,5	20,2	19,4	17,7	15,2	12,6				
125-250/185	18,5	230	○	85,5	24,1		23,9	23,9	23,8	23,1	21,7	19,3	16,6	14,5			
125-250/220	22	244	○	86,9	27,8		27,6	27,5	27,4	26,9	25,7	23,7	20,9	17,9			
125-250/300	30	259	●	88,0	31,9		31,5	31,4	31,2	30,7	29,7	27,9	25,4	22,4	19,2		
125-315/300	30	266	○	79,1	34,6		34,7	34,5	33,8	32,2	29,7	26,1	21,3				
125-315/370	37	285	○	81,6	40,6		40,8	40,8	40,4	39,2	37,2	34,2	30,2	24,9			
125-315/450	45	302	○	83,3	46,0		46,2	46,2	45,9	45,1	43,7	41,3	38,0	33,5	27,9		
125-315/550	55	315	○	83,7	50,5		50,8	50,8	50,5	49,8	48,4	46,4	43,5	39,6	34,6	28,4	
125-315/750	75	334	●	84,7	57,1		57,5	57,6	57,3	56,7	55,5	53,8	51,3	48,0	43,7	38,5	
125-400/550	55	339	○	76,5	58,0		58,5	58,1	57,1	55,4	52,9	49,2	44,1	37,3			
125-400/750	75	367	○	77,7	68,3		68,8	68,8	68,3	67,1	65,1	62,0	57,7	51,9	44,5		
125-400/900	90	388	○	78,8	77,1		77,6	77,6	77,3	76,3	74,6	71,8	68,0	63,0	56,8	49,3	
125-400/1100	110	415	●	80,2	89,1		89,8	89,8	89,3	88,4	86,7	84,2	80,8	76,6	71,4	65,3	59,0

PUMP TYPE	P_N	Impeller Ø	○ ●	ηp %	Q = DELIVERY l/s 0	18,6	37,5	56,4	75,3	94,2	113,1	131,9	151	169,7	188,6	207,5	227,2
					m^3/h 0	67	135	203	271	339	407	475	543	611	679	747	818
	kW	mm	(1)	(2)	H = TOTAL HEAD METRES COLUMN OF WATER												
150-200/150	15	190	○	78,6	14,6		13,8	13,4	12,8	11,7	10,3	8,4					
150-200/185	18,5	211	○	79,2	19,7		18,5	17,5	16,1	14,6	12,9	10,9	8,3				
150-200/220	22	222	○	81,7	21,7		20,4	19,3	18,1	16,6	14,8	12,7	10,0				
150-200/300	30	237	●	84,9	23,9		22,6	21,9	21,2	20,3	18,9	16,7	13,9	11,1			
150-250/220	22	227	○	78,2	22,3	22,4	22,0	21,1	19,8	17,9	15,5	12,5	8,8				
150-250/300	30	248	○	81,8	27,2		26,7	26,1	25,1	23,5	21,4	18,7	15,1				
150-250/370	37	259	○	83,8	30,3		29,6	29,1	28,2	26,9	25,0	22,5	19,2	15,1			
150-250/450	45	276	●	85,3	35,5		34,5	33,9	33,1	31,8	30,2	28,0	25,1	21,4	16,9		
150-315/450	45	278	○	82,1	36,0		36,0	35,9	35,2	33,6	31,0	27,2	22,4				
150-315/550	55	291	○	83,8	39,8		39,7	39,6	39,0	37,7	35,3	31,9	27,3	21,8			
150-315/750	75	324	○	85,5	50,6		50,4	50,2	49,7	48,6	46,7	43,9	40,1	35,3	29,7		
150-315/900	90	334	●	86,5	53,8		53,5	53,4	52,8	51,8	50,0	47,3	43,8	39,3	34,0		
150-400/750	75	324	○	82,3	51,9		52,3	52,1	50,9	49,0	46,2	42,7	38,2	32,1			
150-400/900	90	342	○	84,0	58,6		59,0	59,0	58,1	56,4	53,8	50,5	46,4	41,3	34,6		
150-400/1100	110	362	●	85,4	66,4		66,8	66,9	66,3	64,9	62,6	59,5	55,8	51,3	45,7	38,5	
150-500/1600	160	420	○	74,8	88,5		88,9	88,9	88,4	86,7	82,8	76,6	68,2	58,9			
150-500/2000	200	451	○	76,5	102,5		102,9	102,9	102,7	101,7	99,2	94,5	87,1	77,4	66,3		
150-500/2500	250	486	○	78,2	121,4		121,9	121,9	121,7	121,0	119,3	115,9	110,5	102,6	92,5	80,8	
150-500/3150	315	502	●	78,9	129,6		129,9	130,2	130,3	129,8	128,3	125,3	120,3	113,2	104,0	93,0	80,5

Hydraulic performances in compliance with ISO 9906:2012 - Grade 3B (ex ISO 9906:1999 - Annex A)

Nsc-100-150_4p60-en_a_th

(1) ● = Full impeller diameter - ○ = Trimmed impeller diameter (2) Hydraulic efficiency of pump.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC 200-250-300 SERIES
HYDRAULIC PERFORMANCE TABLE AT 60 Hz, 4 POLES

PUMP TYPE	P_N	Impeller Ø	○ ● (1)	ηp % (2)	Q = DELIVERY l/s 0	36,1	61,9	87,8	113,6	139,4	165,3	191,1	216,9	242,8	268,6	294,4	321,7
					m^3/h 0	130	223	316	409	502	595	688	781	874	967	1060	1158
	kW	mm			H = TOTAL HEAD METRES COLUMN OF WATER												
200-250/300	30	221	○	77,2	21,2	20,8	20,5	19,6	18,1	16,2	14,2	12,0	9,5				
200-250/370	37	240	○	80,8	25,7		24,2	23,1	21,7	19,9	17,7	15,2	12,4				
200-250/450	45	260	○	82,8	30,6		28,7	27,6	26,1	24,3	22,1	19,5	16,5	13,1			
200-250/550	55	271	●	84,5	33,5		31,5	30,4	29,0	27,3	25,3	22,8	20,0	16,7			
200-315/550	55	274	○	81,1	33,5		32,5	31,8	30,9	29,3	26,9	23,5	19,2	14,2			
200-315/750	75	300	○	84,1	41,1		39,6	39,1	38,5	37,4	35,4	32,5	28,5	23,6	18,1		
200-315/900	90	321	○	85,6	47,5		45,9	45,4	44,8	43,8	42,1	39,6	36,0	31,3	25,8		
200-315/1100	110	333	●	86,4	51,3		49,8	49,3	48,6	47,6	46,1	43,6	40,2	35,6	30,2	24,3	
200-400/1100	110	328	○	83,0	53,4		53,5	53,1	52,4	50,9	48,5	44,9	39,9	33,6	26,2		
200-400/1320	132	342	○	83,5	58,7		58,8	58,4	57,6	56,2	54,1	50,8	46,2	40,2	32,9		
200-400/1600	160	362	○	84,6	66,2		66,2	65,8	65,1	63,8	61,9	59,0	55,0	49,6	42,9	34,9	
200-400/2000	200	392	○	85,4	78,6		78,7	78,5	78,0	77,0	75,3	72,8	69,4	64,9	59,2	52,1	
200-400/2500	250	409	●	86,0	85,9		86,0	86,0	85,5	84,4	82,7	80,3	77,2	73,2	68,0	61,4	
200-500/2500	250	434	○	80,9	96,7		96,9	96,3	95,2	93,5	90,6	86,2	79,9	71,5	60,9		
200-500/3150	315	450	○	81,5	104,1		104,6	104,2	103,2	101,6	98,9	94,8	89,2	81,6	72,0	60,1	
200-500/3150	315	470	○	82,5	114,5		114,9	114,4	113,5	112,0	109,6	106,1	101,2	94,7	86,1	75,4	
200-500/3550	355	485	●	83,2	122,5		122,7	122,4	121,6	120,0	117,6	114,3	109,8	104,0	96,6	87,3	75,0

PUMP TYPE	P_N	Impeller Ø	○ ● (1)	ηp % (2)	Q = DELIVERY l/s 0	88,9	122,2	155,6	188,9	222,2	255,6	288,9	322,2	355,6	388,9	422,2	455,6
					m^3/h 0	320	440	560	680	800	920	1040	1160	1280	1400	1520	1640
	kW	mm			H = TOTAL HEAD METRES COLUMN OF WATER												
250-315/750	75	267	○	82,2	31,2	30,2	29,4	28,6	27,7	26,3	24,0	20,7	16,4	12,1			
250-315/900	90	258	○	84,2	35,9		33,8	33,0	32,1	30,8	28,8	25,9	21,9	17,4			
250-315/1100	110	300	●	85,1	40,1		38,1	37,5	36,8	35,9	34,3	32,0	28,6	24,3	19,3		
250-400/1320	132	325	○	81,1	50,6		50,3	49,0	46,8	43,6	39,4	34,3	28,3	21,6			
250-400/1600	160	344	○	82,7	56,9		56,5	55,7	54,0	51,4	47,7	42,8	36,8	29,8			
250-400/2000	200	372	○	84,2	67,0		66,4	66,1	65,2	63,3	60,4	56,3	50,9	44,3	36,7		
250-400/2500	250	398	○	85,7	78,7		76,9	76,5	75,7	74,1	71,5	68,0	63,2	57,3	50,2	41,9	
250-400/3150	315	425	●	86,7	90,5		89,0	89,8	92,1	97,3	107,3	124,7	153,3	197,2	262,2	354,9	483,3
250-500/3150	315	436	○	82,8	95,3		95,7	94,8	93,1	90,4	86,3	80,5	72,6	62,2			
250-500/3550	355	448	○	84,5	101,2		101,6	101,0	99,7	97,4	93,8	88,6	81,4	71,7			
250-500/4000	400	463	●	85,3	108,6		109,2	108,7	107,5	105,5	102,4	97,8	91,4	82,9	71,8		

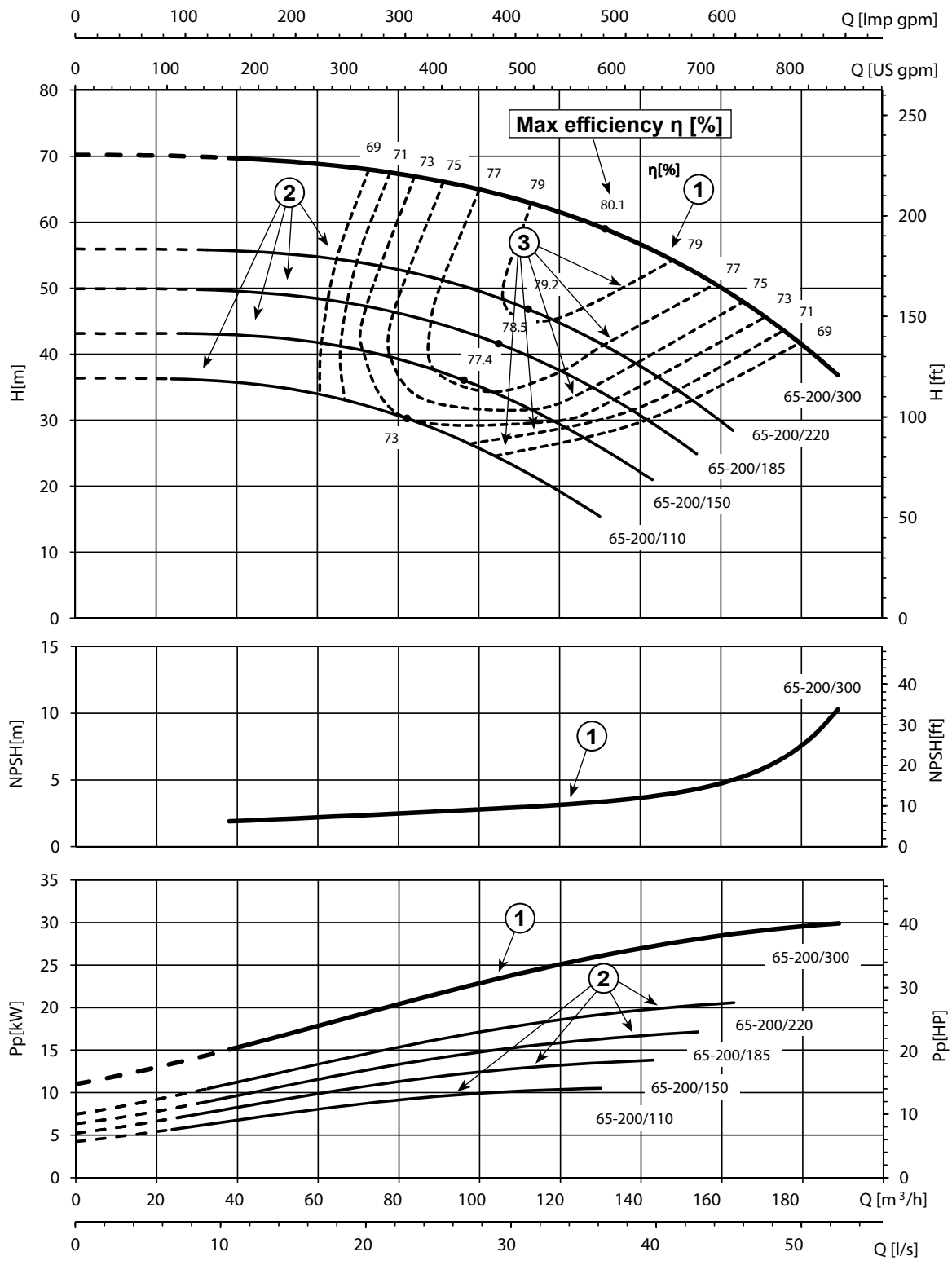
PUMP TYPE	P_N	Impeller Ø	○ ● (1)	ηp % (2)	Q = DELIVERY l/s 0	122,8	167,2	211,7	256,1	300,6	345,0	389,4	433,9	478,3	522,8	567,2	611,1
					m^3/h 0	442	602	762	922	1082	1242	1402	1562	1722	1882	2042	2200
	kW	mm			H = TOTAL HEAD METRES COLUMN OF WATER												
300-350/1100	110	292	○	78,8	37,9		34,2	32,4	30,2	27,8	25,1	22,1	18,6	14,8			
300-350/1320	132	315	○	81,5	44,7		40,5	38,5	36,2	33,7	30,9	27,8	24,2	20,2	15,5		
300-350/1600	160	332	○	83,9	50,5		45,7	43,7	41,5	39,1	36,4	33,3	29,7	25,6	20,7		
300-350/2000	200	358	●	86,4	58,8		54,2	52,8	50,9	48,7	46,1	43,0	39,4	35,4	30,8	25,8	
300-400/2000	200	352	○	82,4	54,8	54,8	54,4	53,5	51,9	49,5	46,4	42,3	37,3	31,4	24,6		
300-400/2500	250	378	○	85,2	64,7		63,5	62,8	61,6	59,7	56,9	53,2	48,5	42,8	36,0		
300-400/3150	315	406	○	86,8	76,0		74,6	73,9	72,9	71,4	69,2	66,2	62,2	57,1	50,7	42,9	
300-400/3550	355	416	○	87,6	81,1		78,9	78,3	77,3	75,9	73,9	71,1	67,5	62,8	56,8	49,3	
300-400/4000	400	425	●	88,4	85,6		82,9	82,1	81,2	79,9	78,0	75,6	72,2	67,8	62,2	55,0	46,2

Hydraulic performances in compliance with ISO 9906:2012 - Grade 3B (ex ISO 9906:1999 - Annex A)

Nsc-200-300_4p60-en_a_th

(1) ● = Full impeller diameter - ○ = Trimmed impeller diameter (2) Hydraulic efficiency of pump.

e-NSC SERIES
IDENTIFICATION OF GRAPH

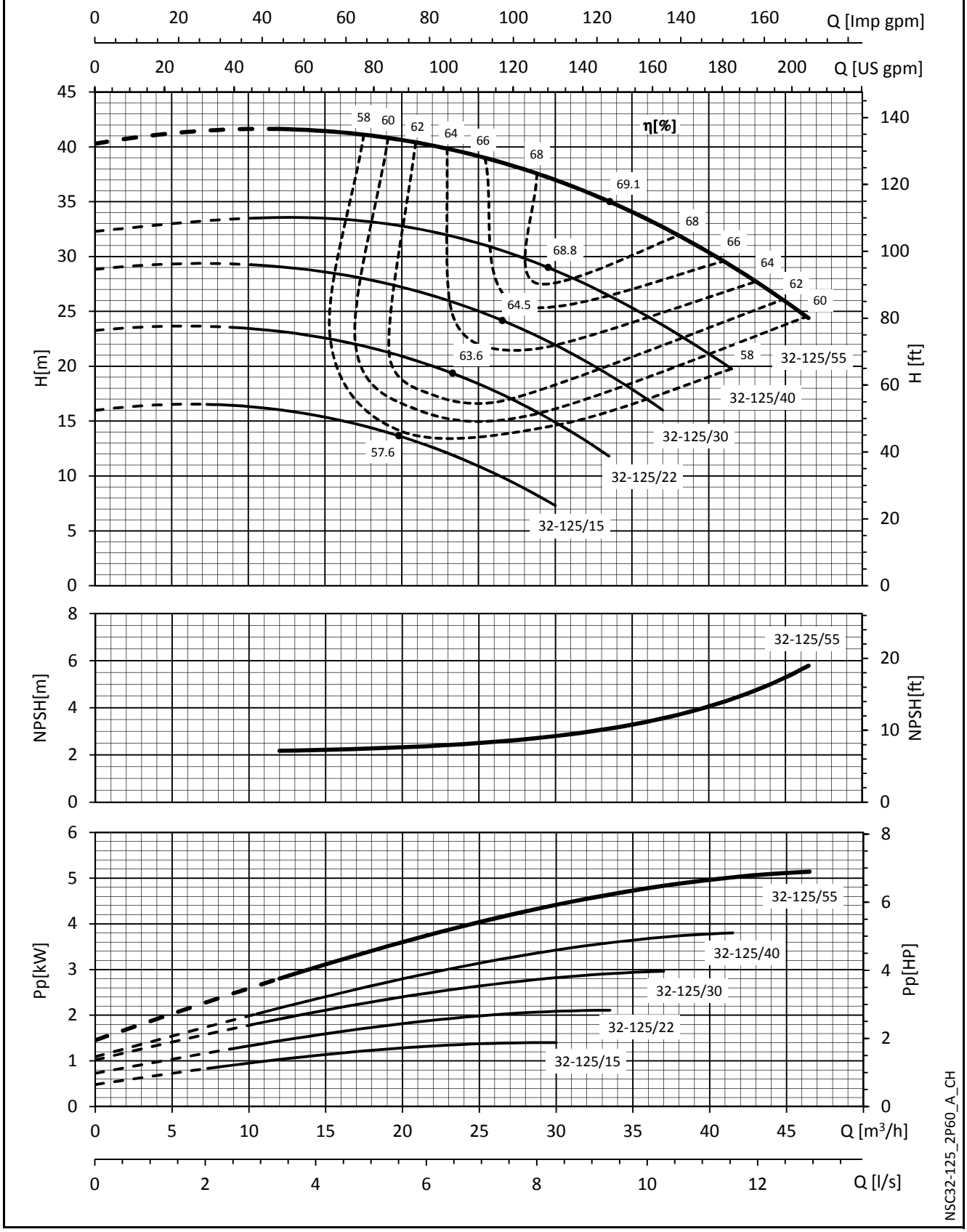


REF	TYPE	DESCRIPTION
①	———	Full Diameter impeller operating range
②	———	Trimmed diameter impeller operating range
③	- - - - -	Isoefficiency curves

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 32-125	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

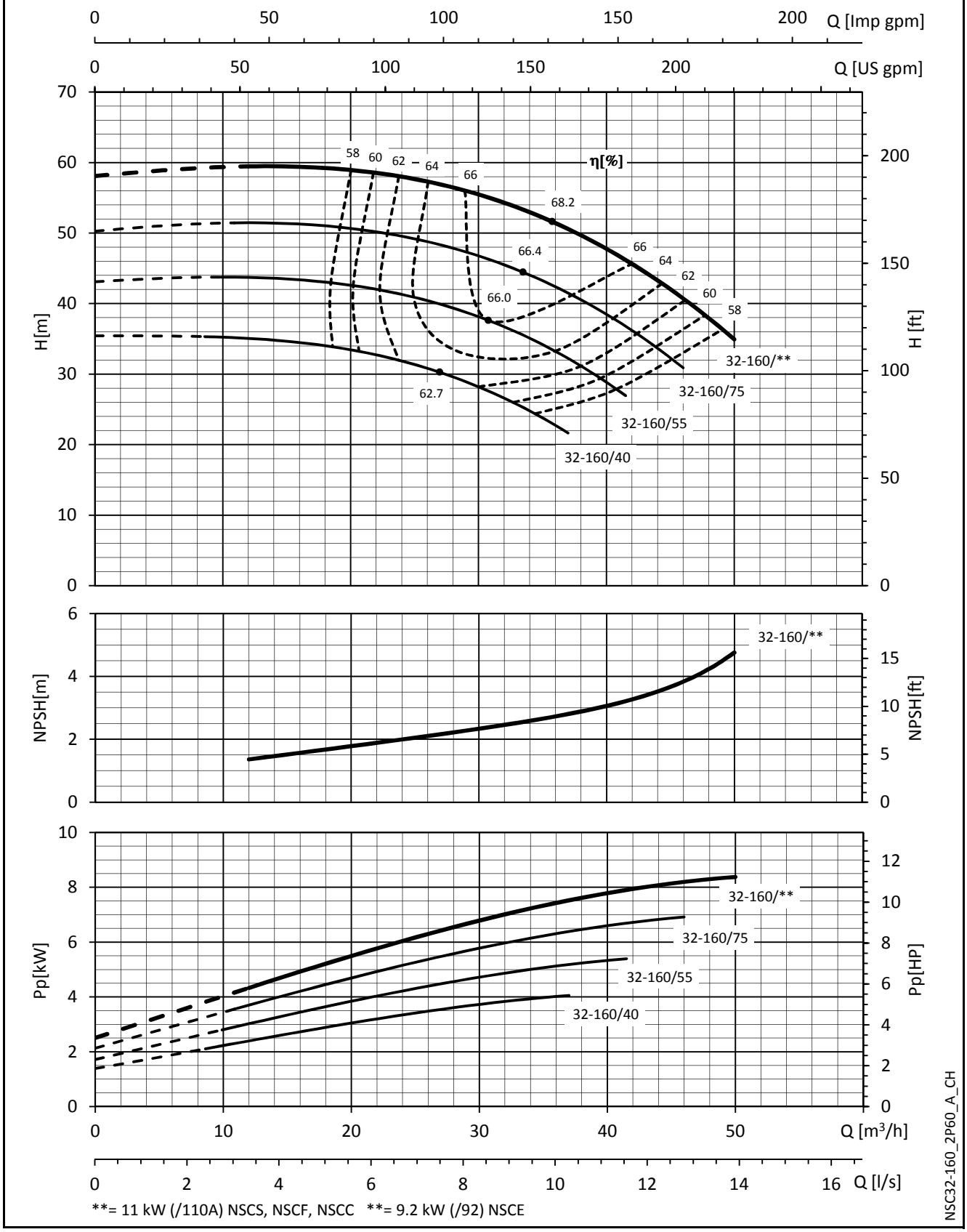


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 32-160	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

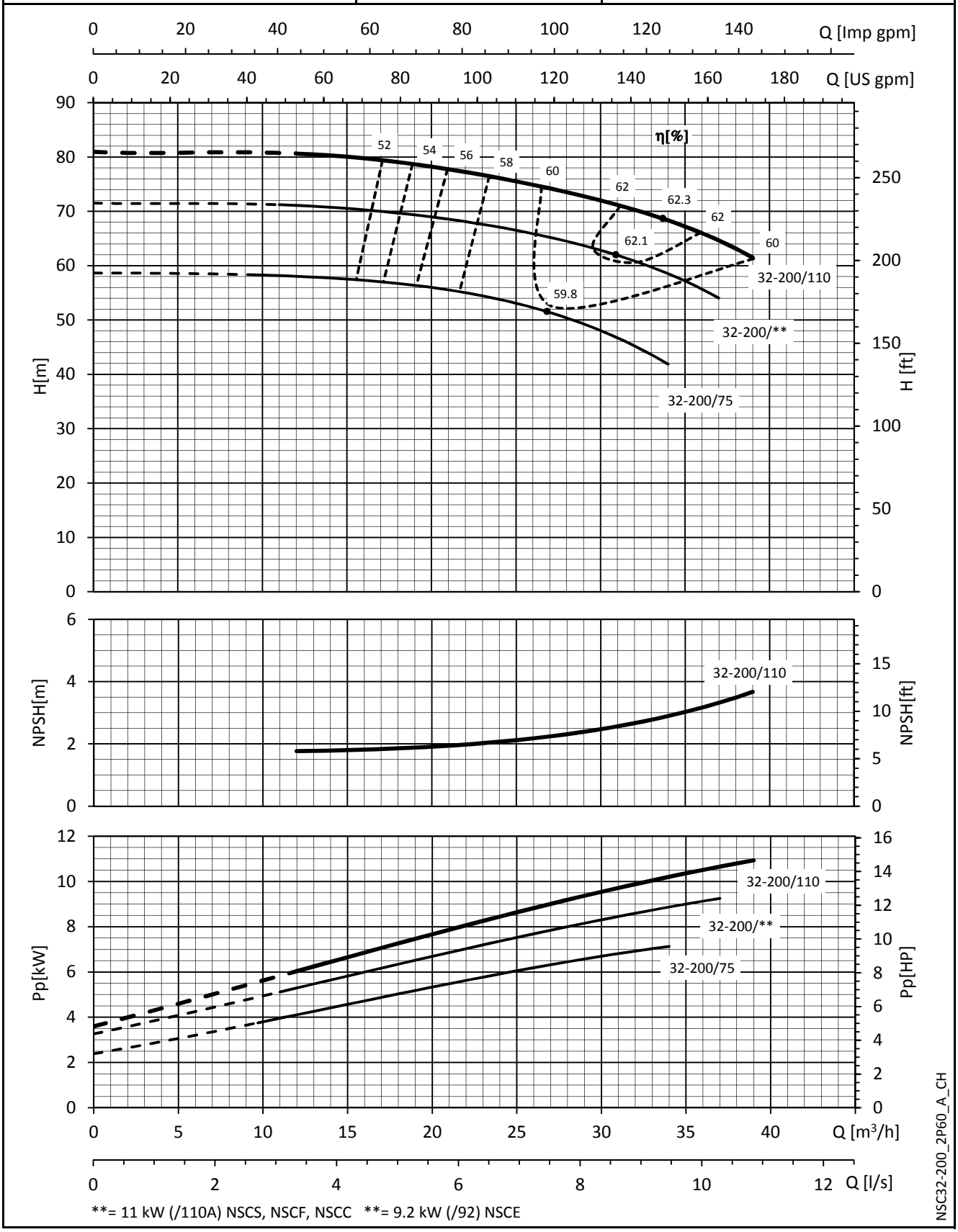


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 32-200	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

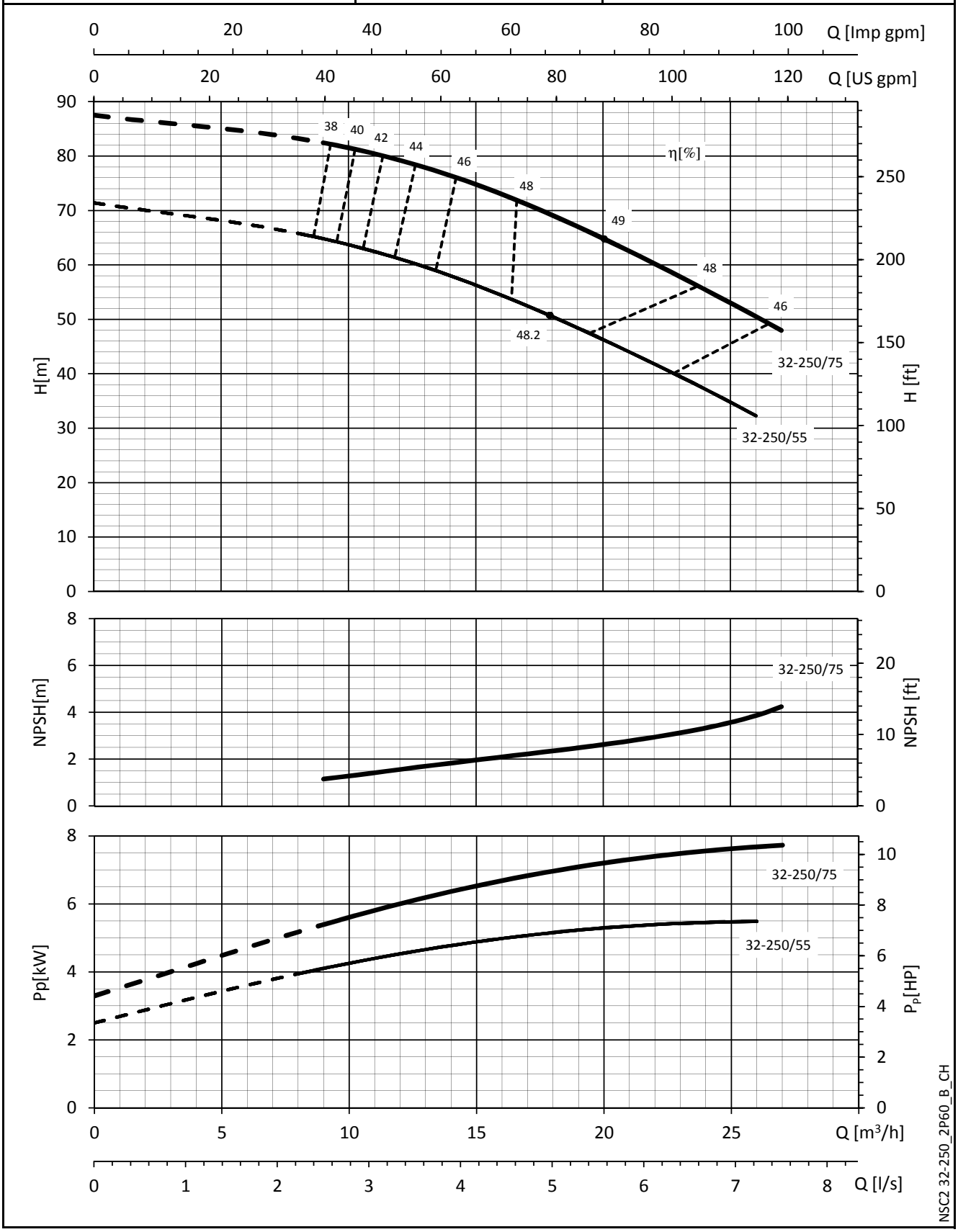


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

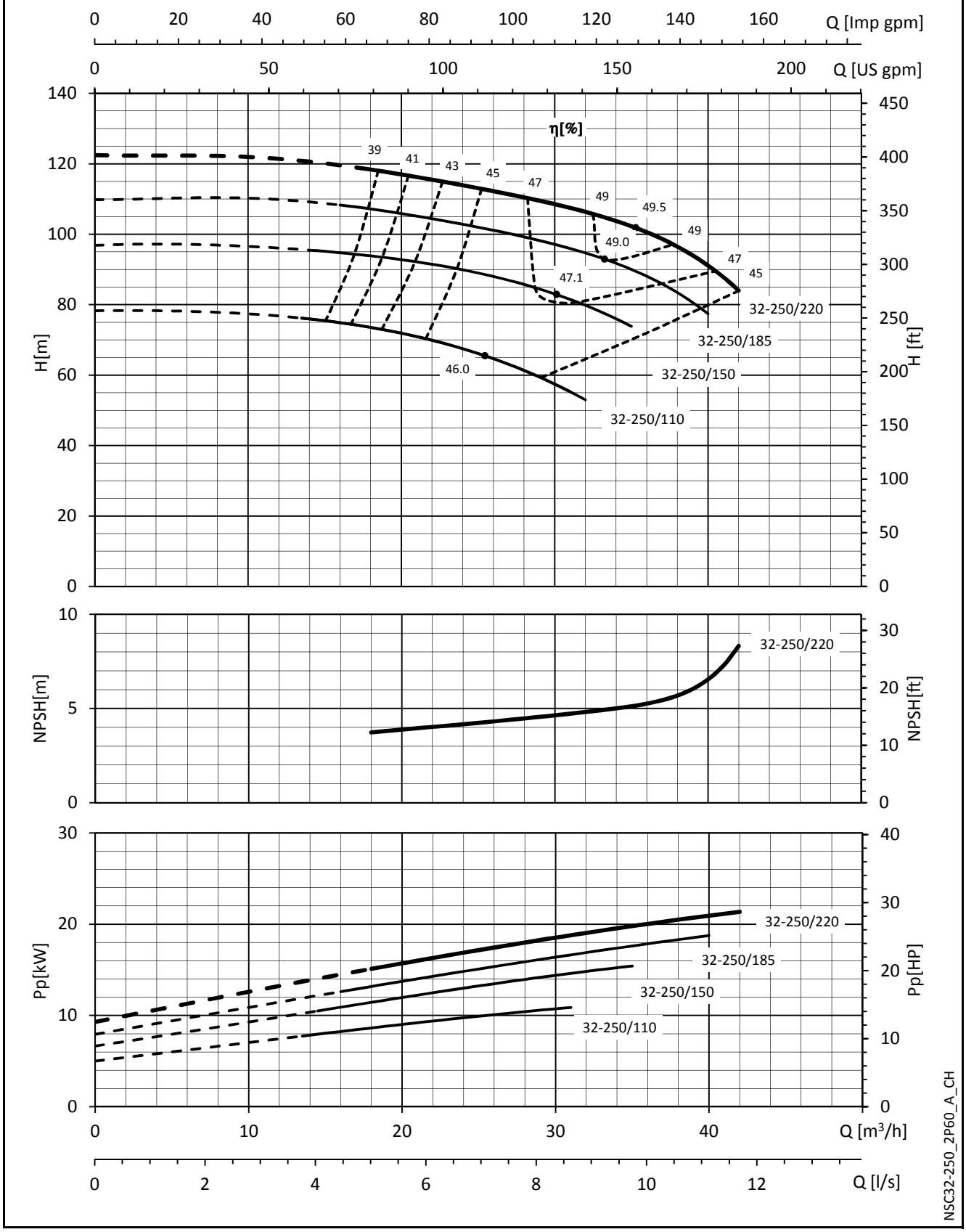
NSC2 32-250	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 32-250	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

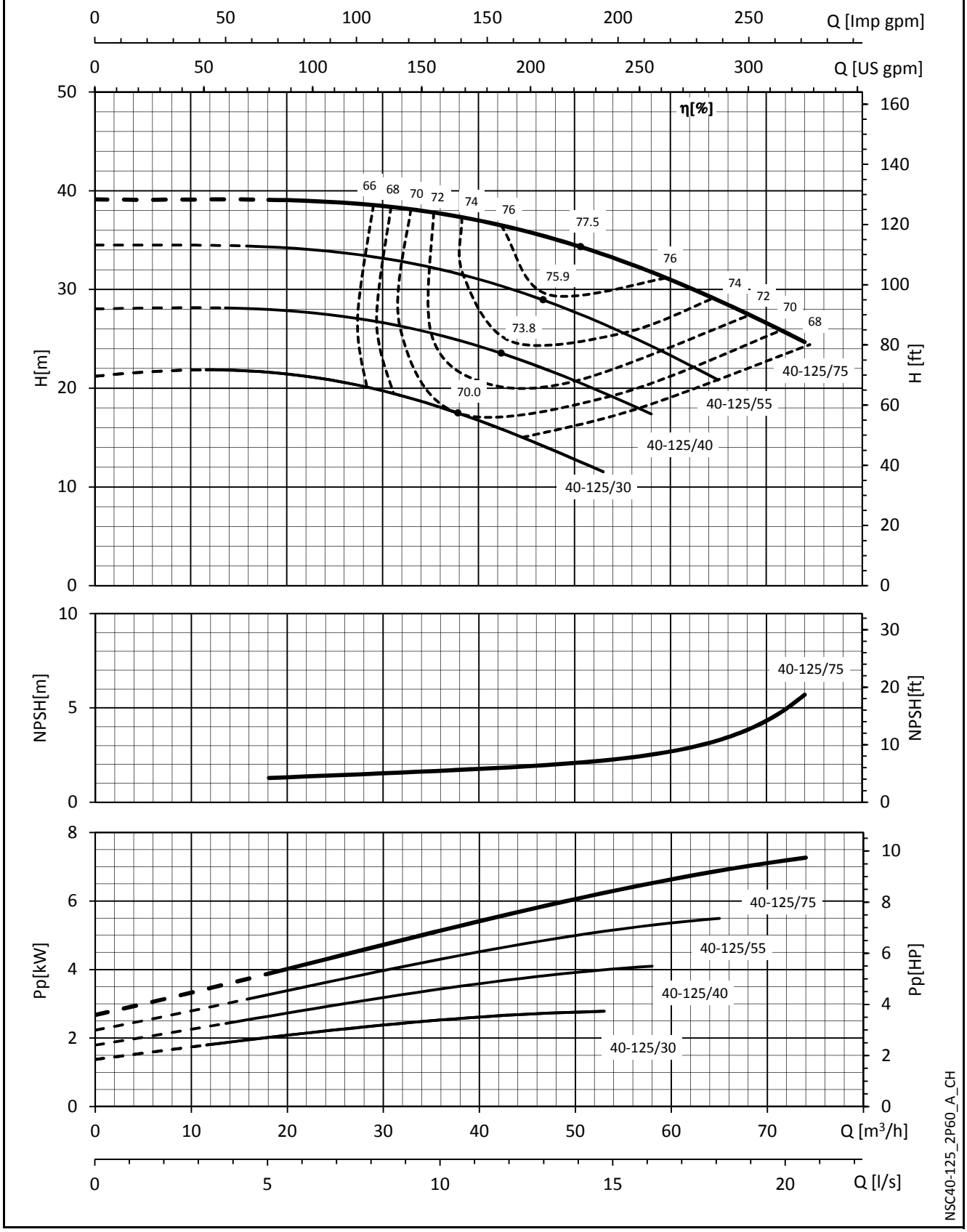


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 40-125	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

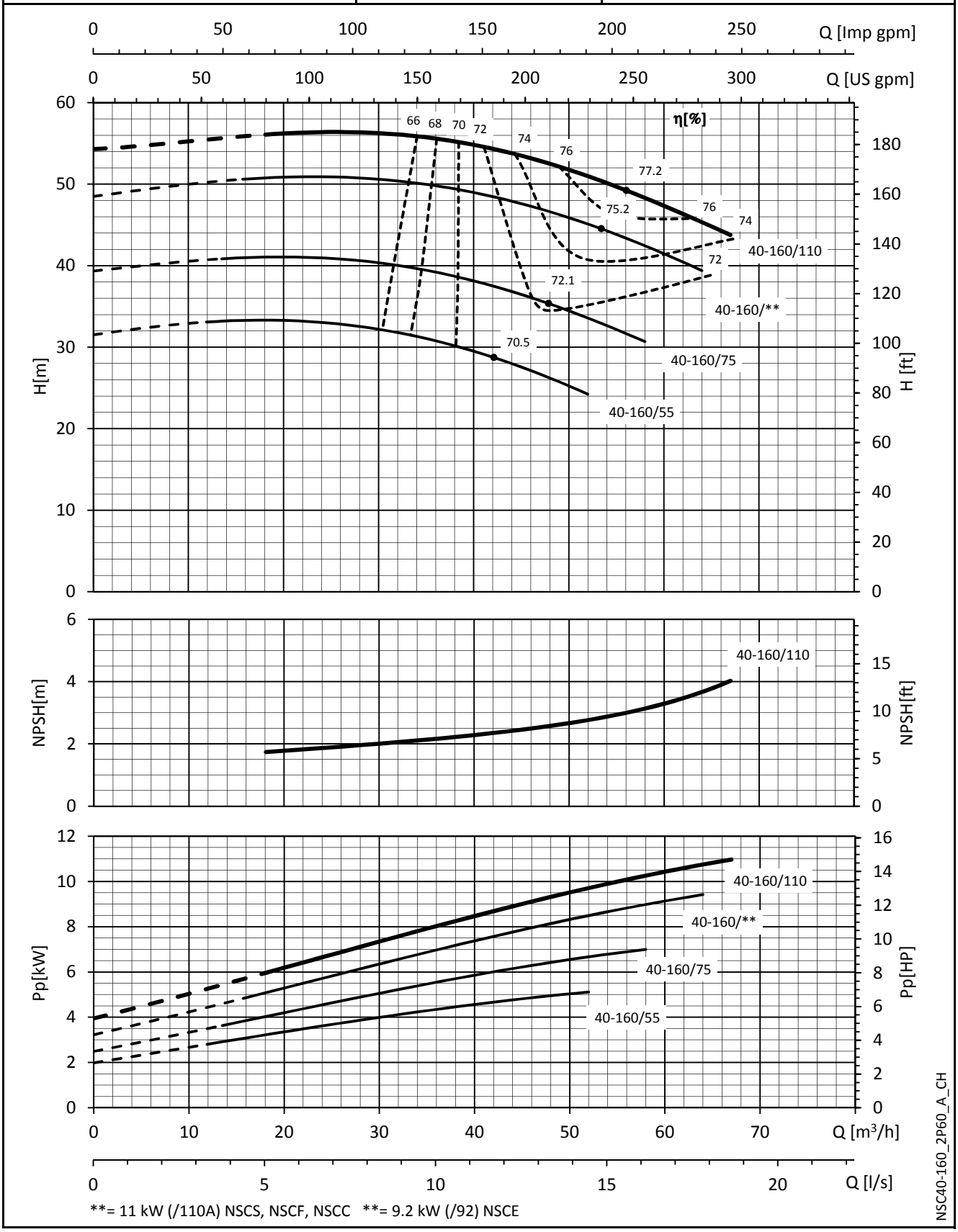


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 40-160	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

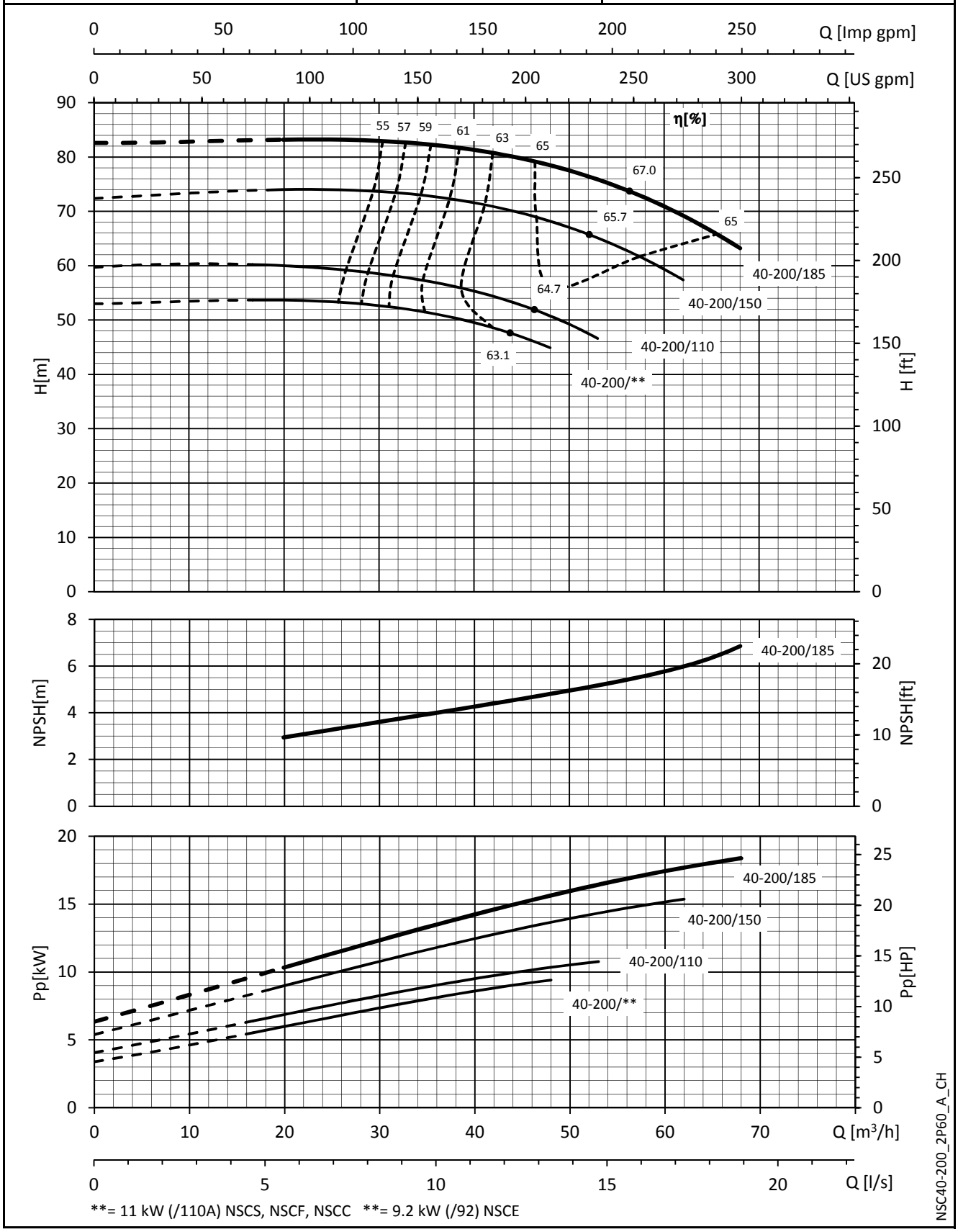


**= 11 kW (/110A) NSCS, NSCF, NSCC **= 9.2 kW (/92) NSCE

The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 40-200	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

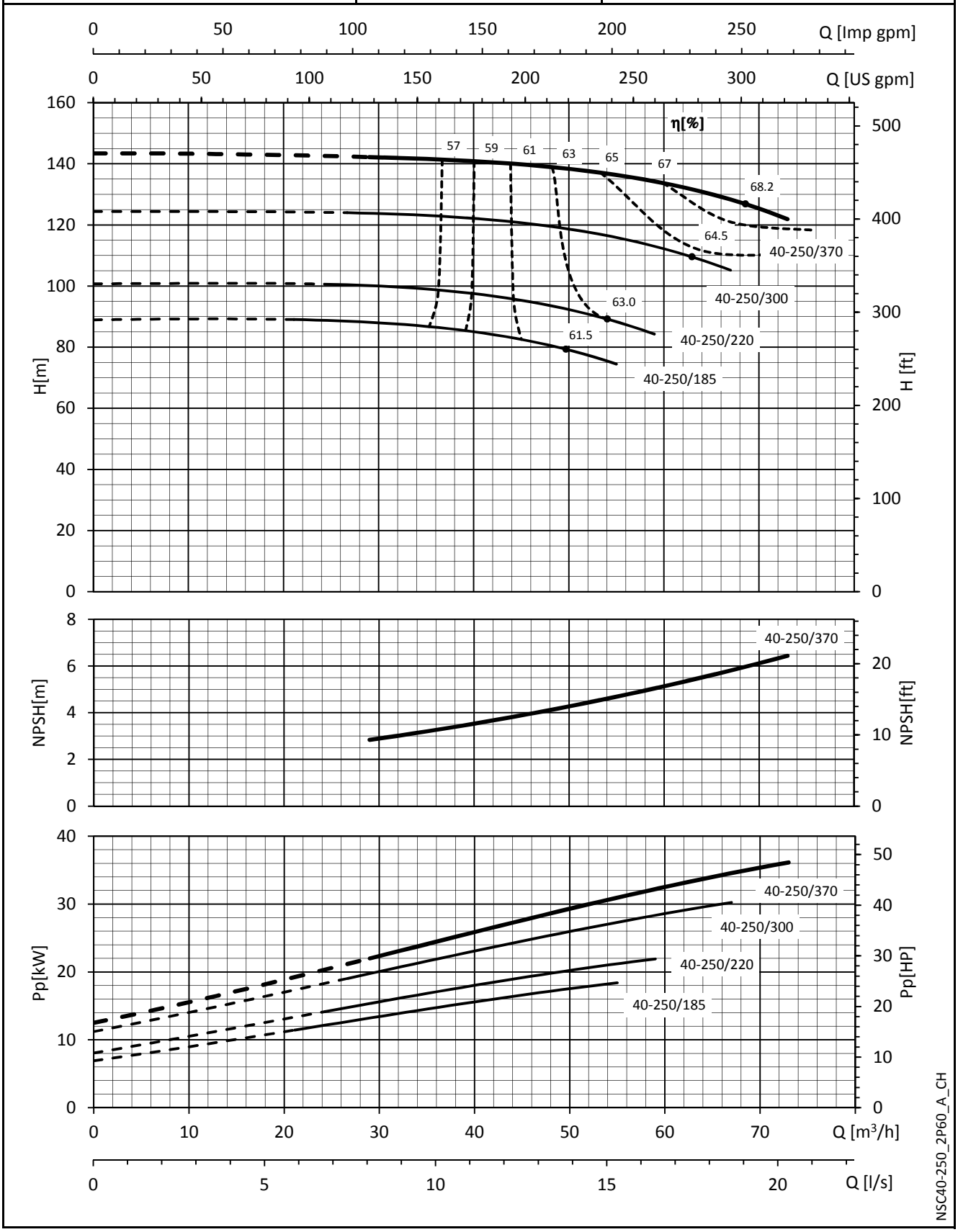


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

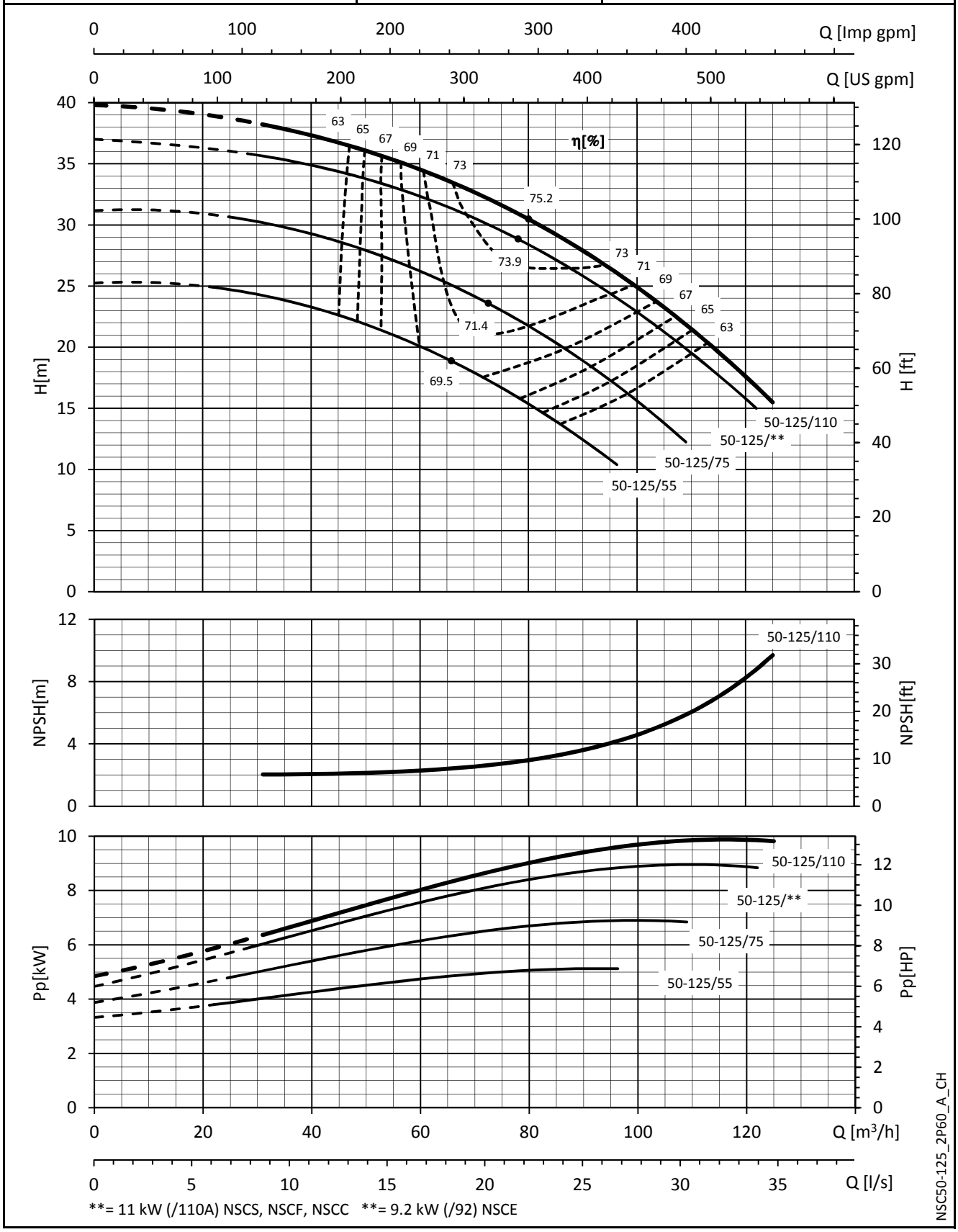
NSC 40-250	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 50-125	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

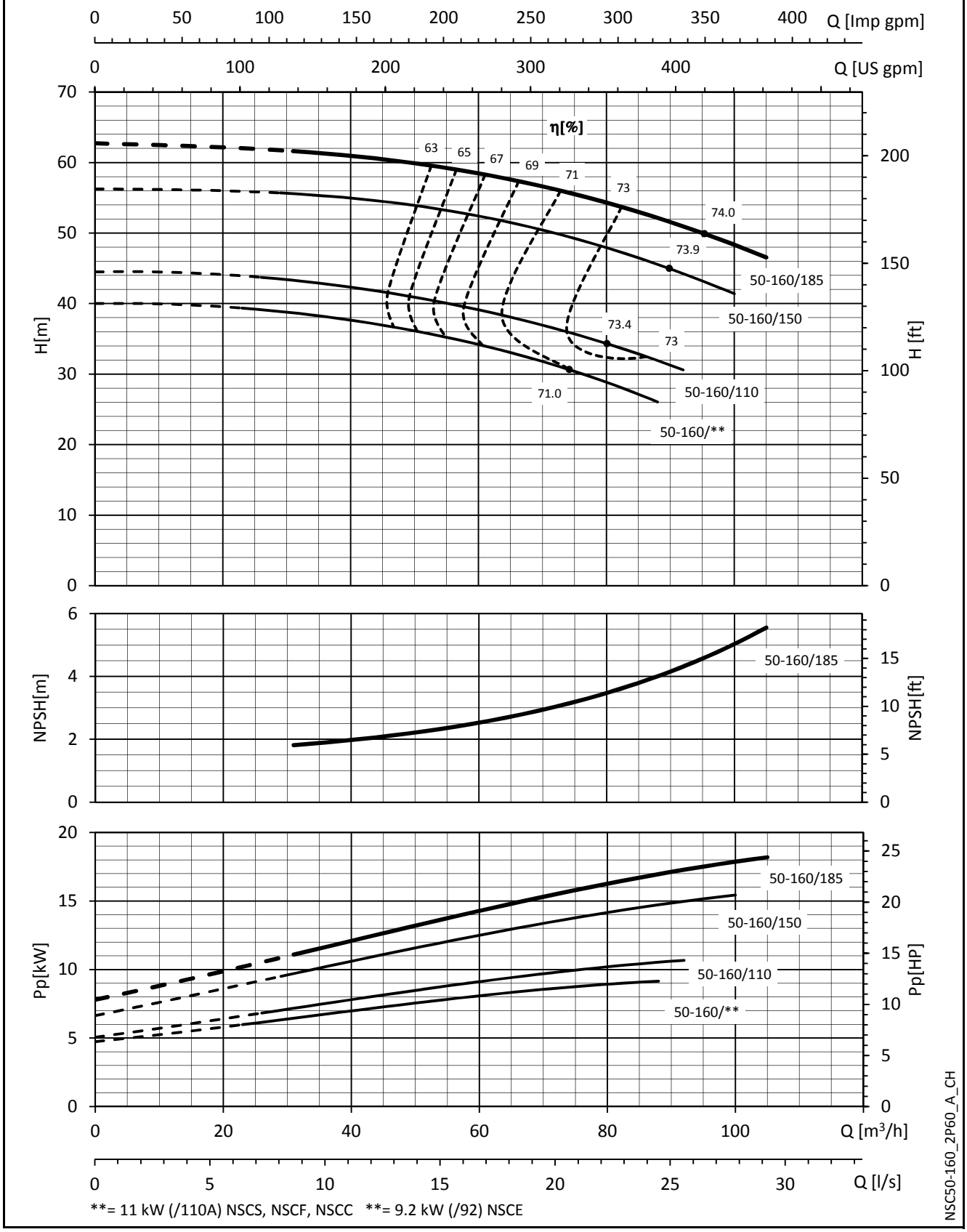


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 50-160	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B



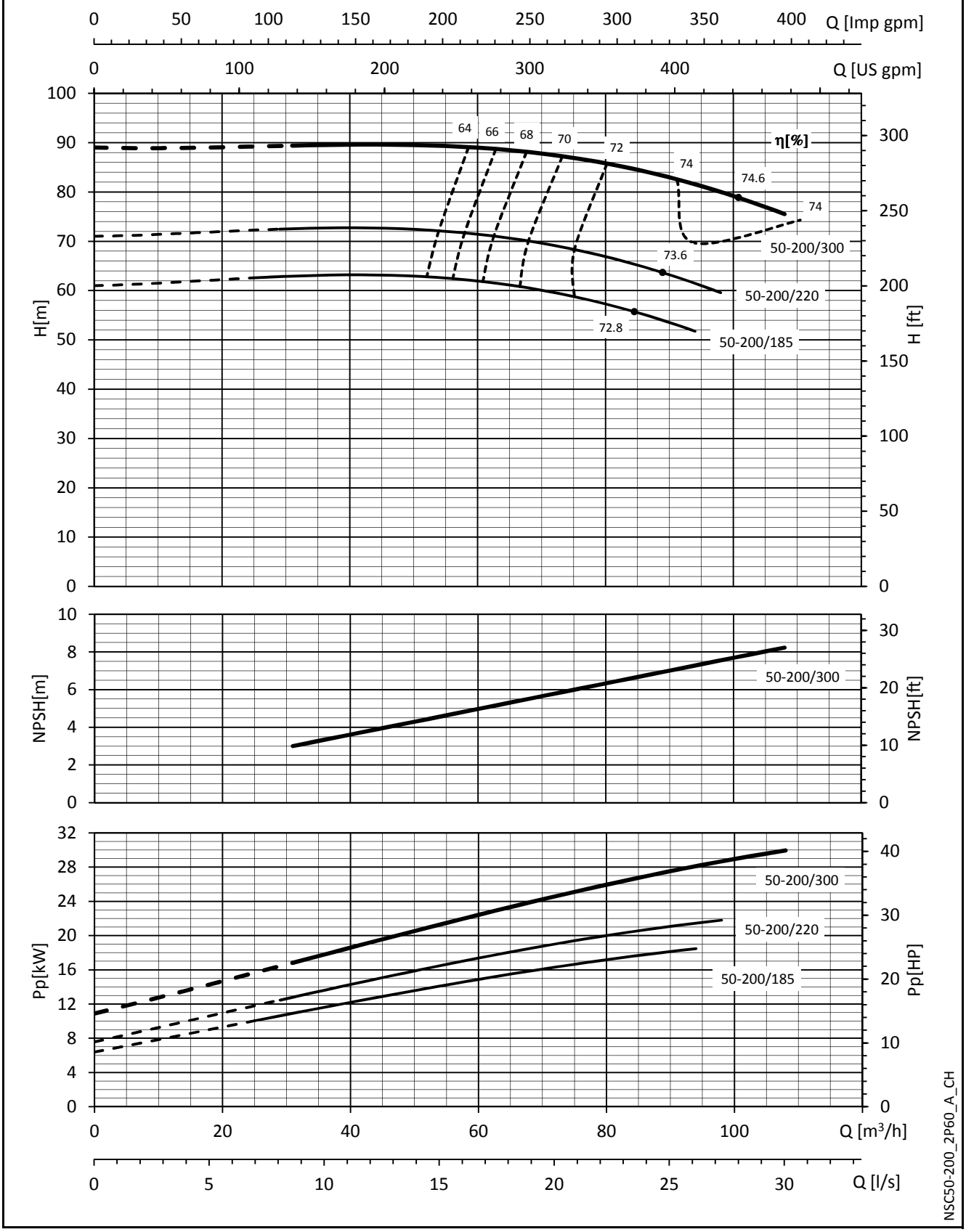
**= 11 kW (/110A) NSCS, NSCF, NSCC **= 9.2 kW (/92) NSCE

The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 50-200	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

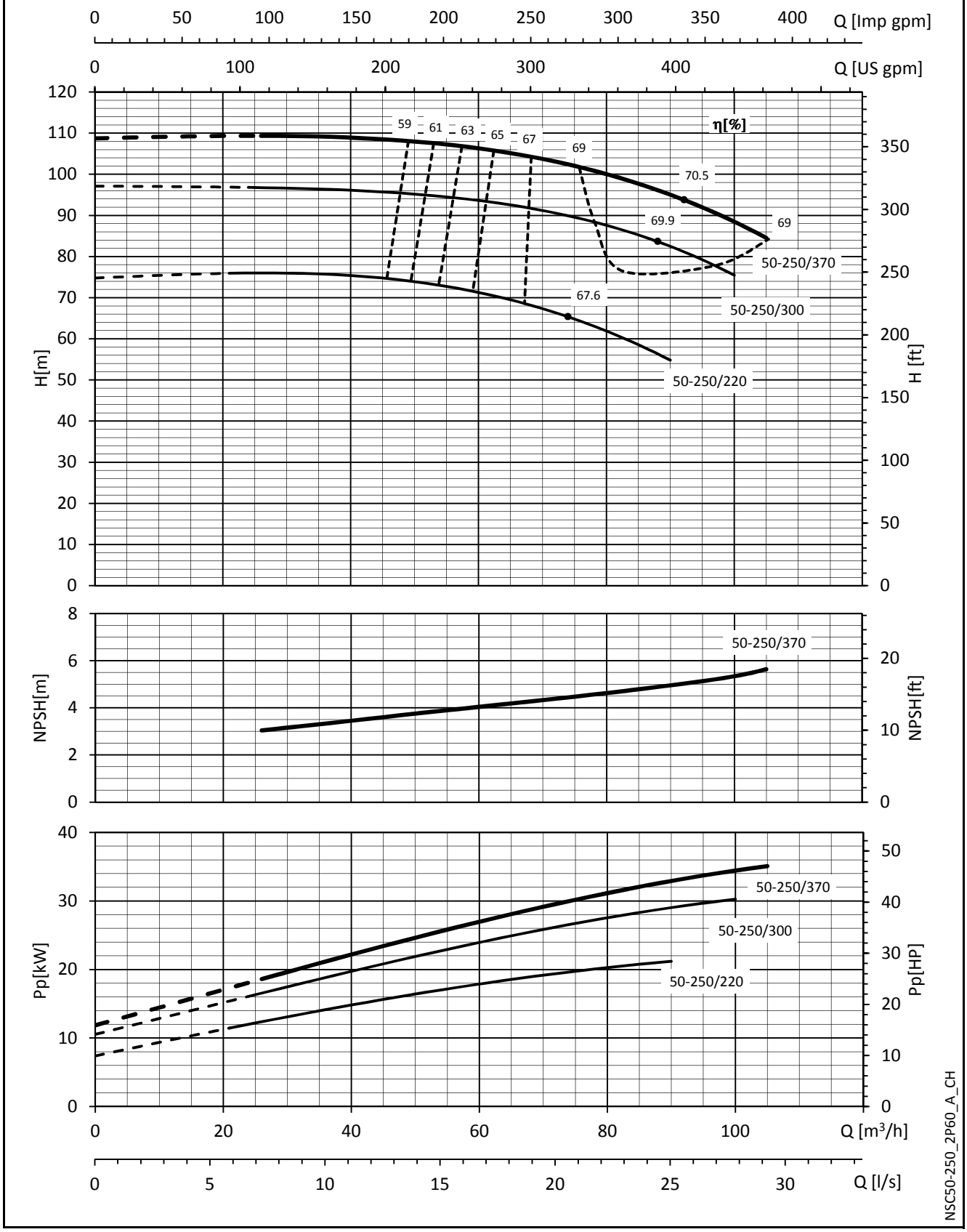


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 50-250	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

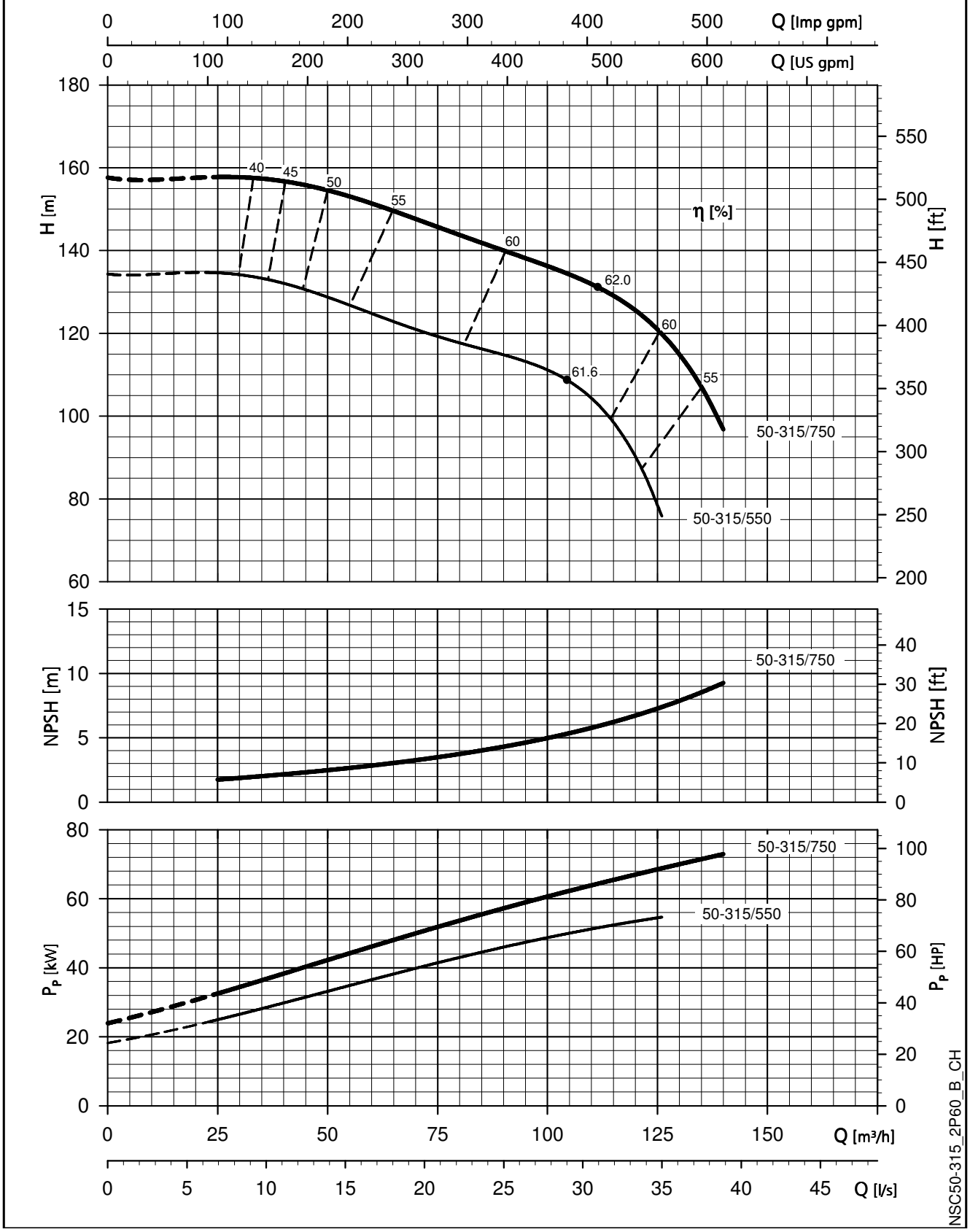


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 50-315	~ 3550 [rpm]	ISO 9906:2012 - Grade 3B

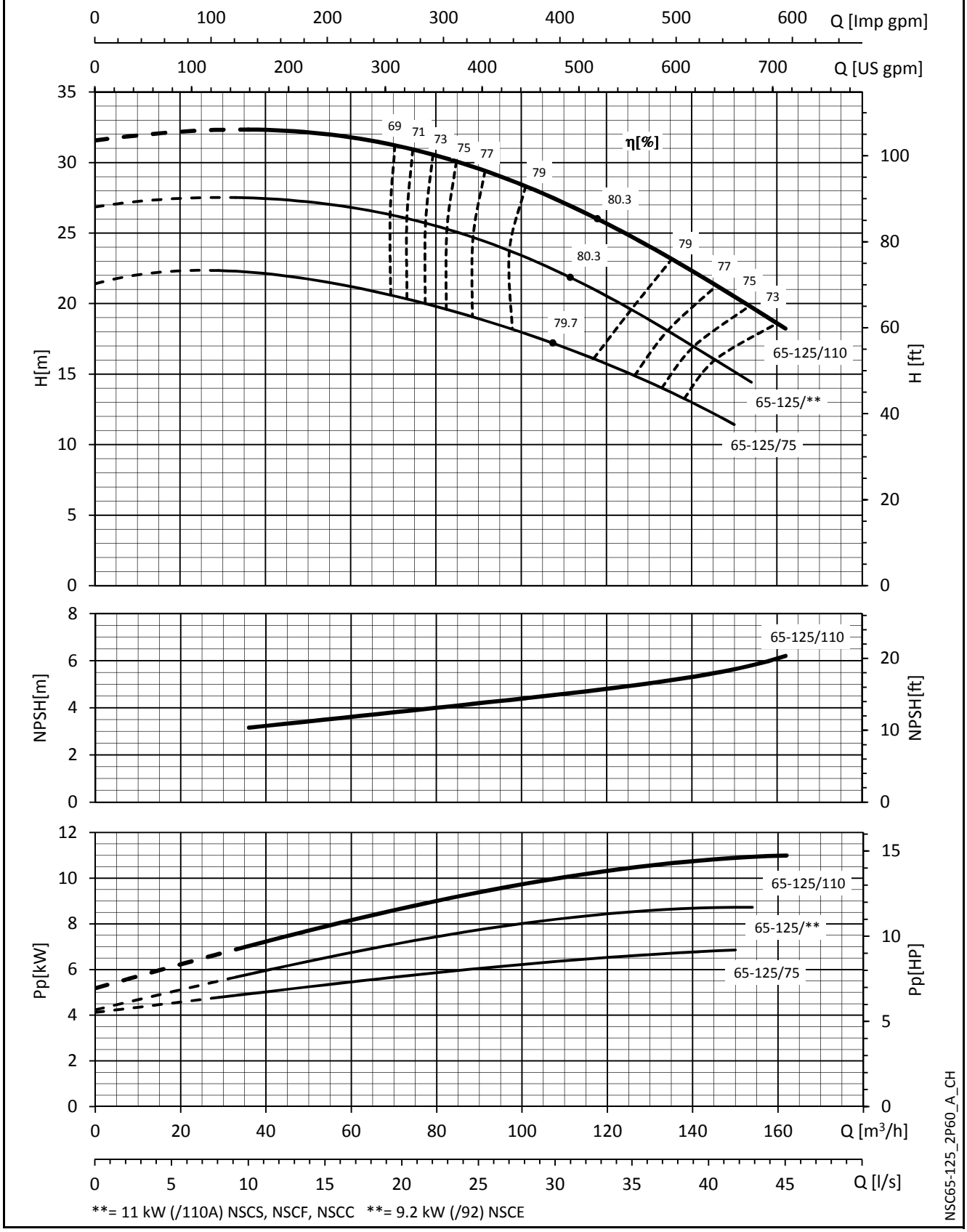


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 65-125	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B



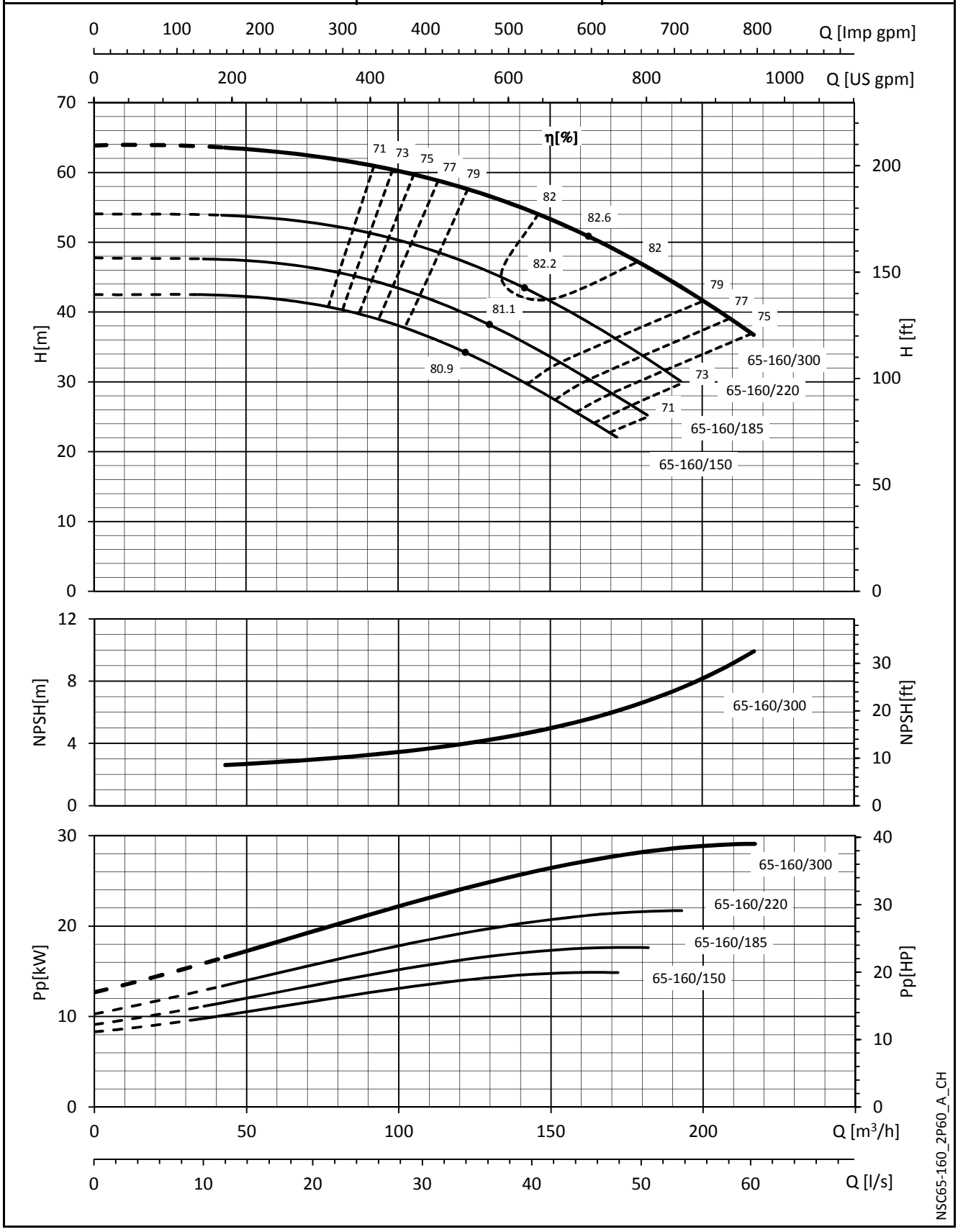
**= 11 kW (/110A) NSCS, NSCF, NSCC **= 9.2 kW (/92) NSCE

The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 65-160	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

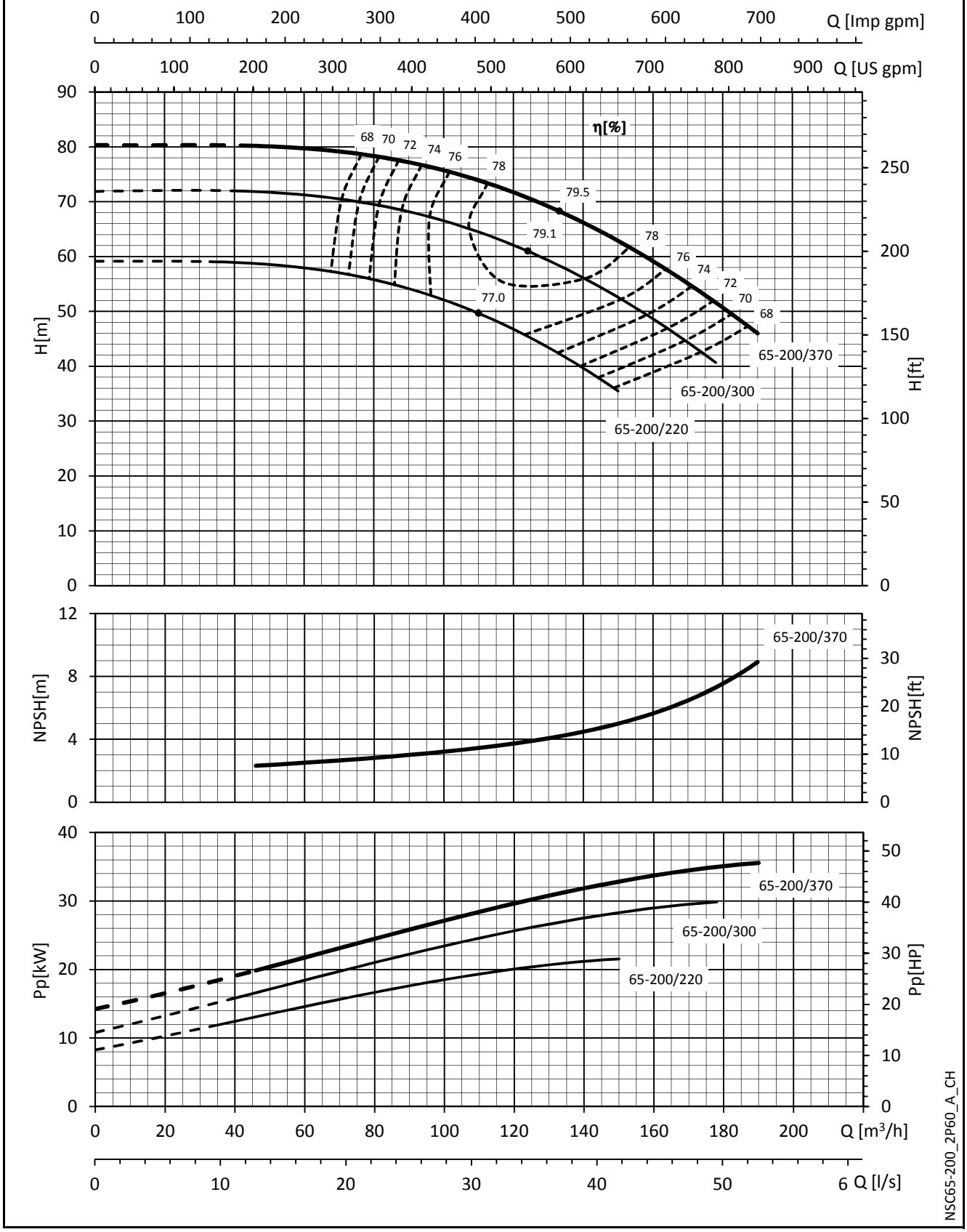


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 65-200	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

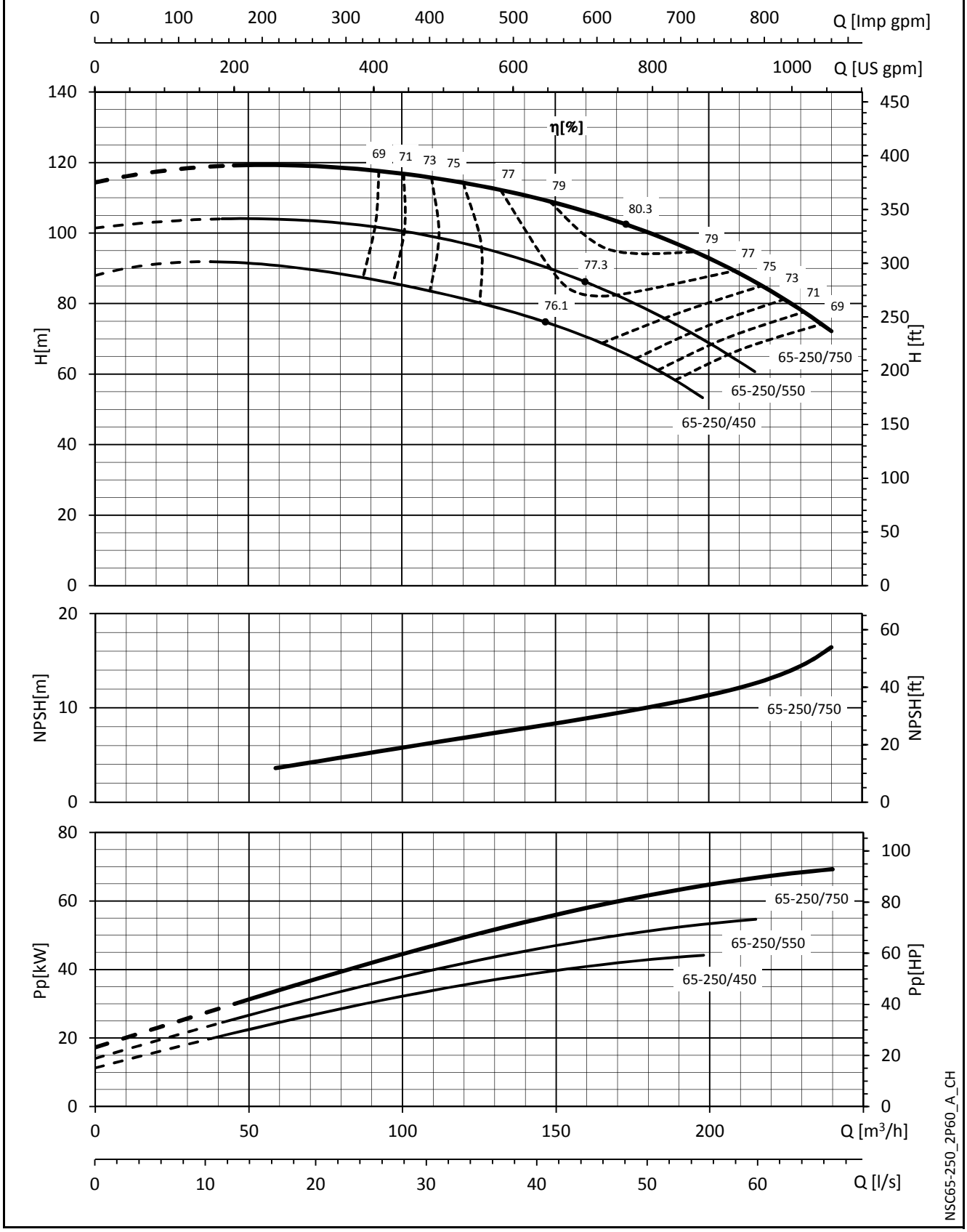


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 65-250	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

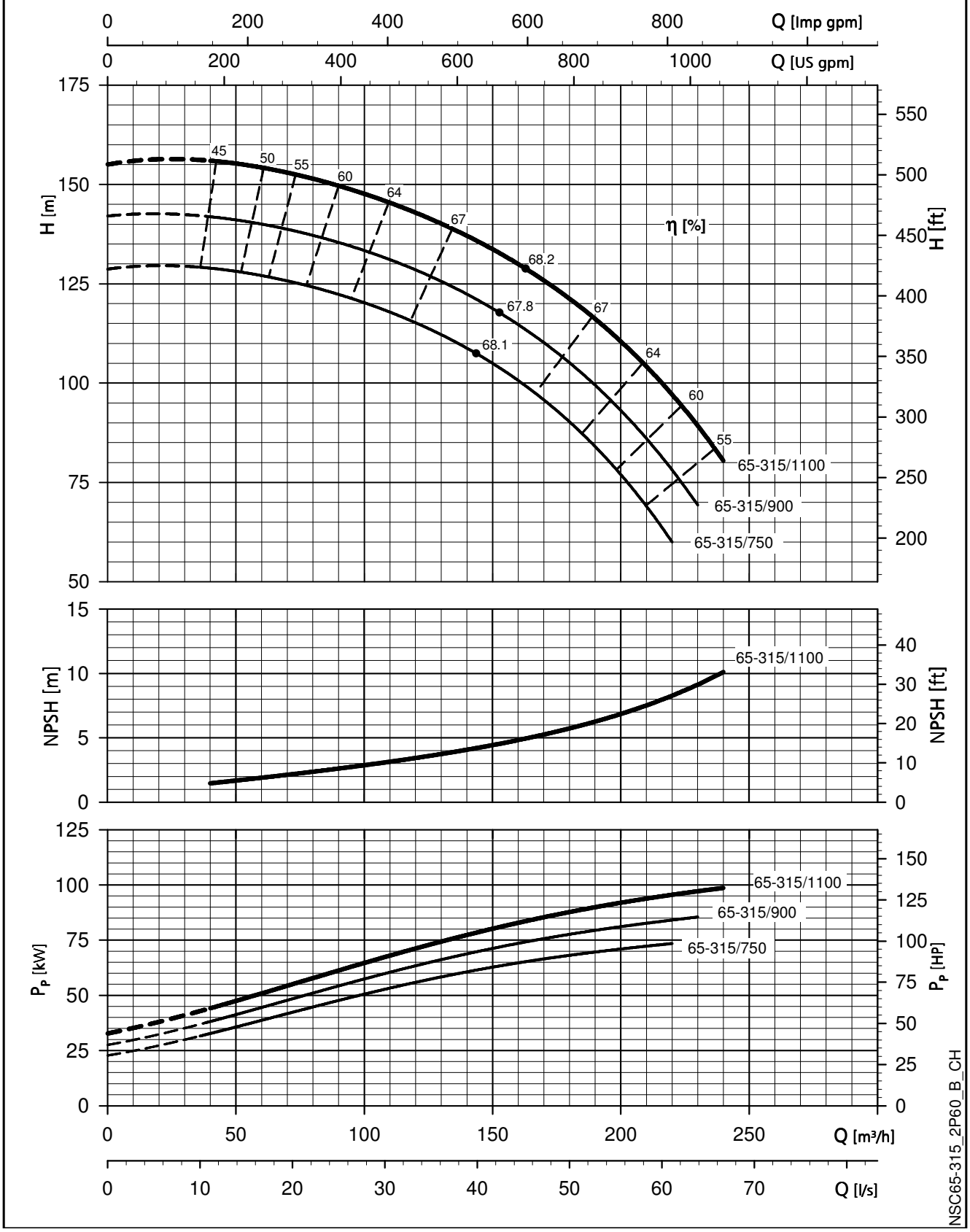


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 65-315	~ 3550 [rpm]	ISO 9906:2012 - Grade 3B

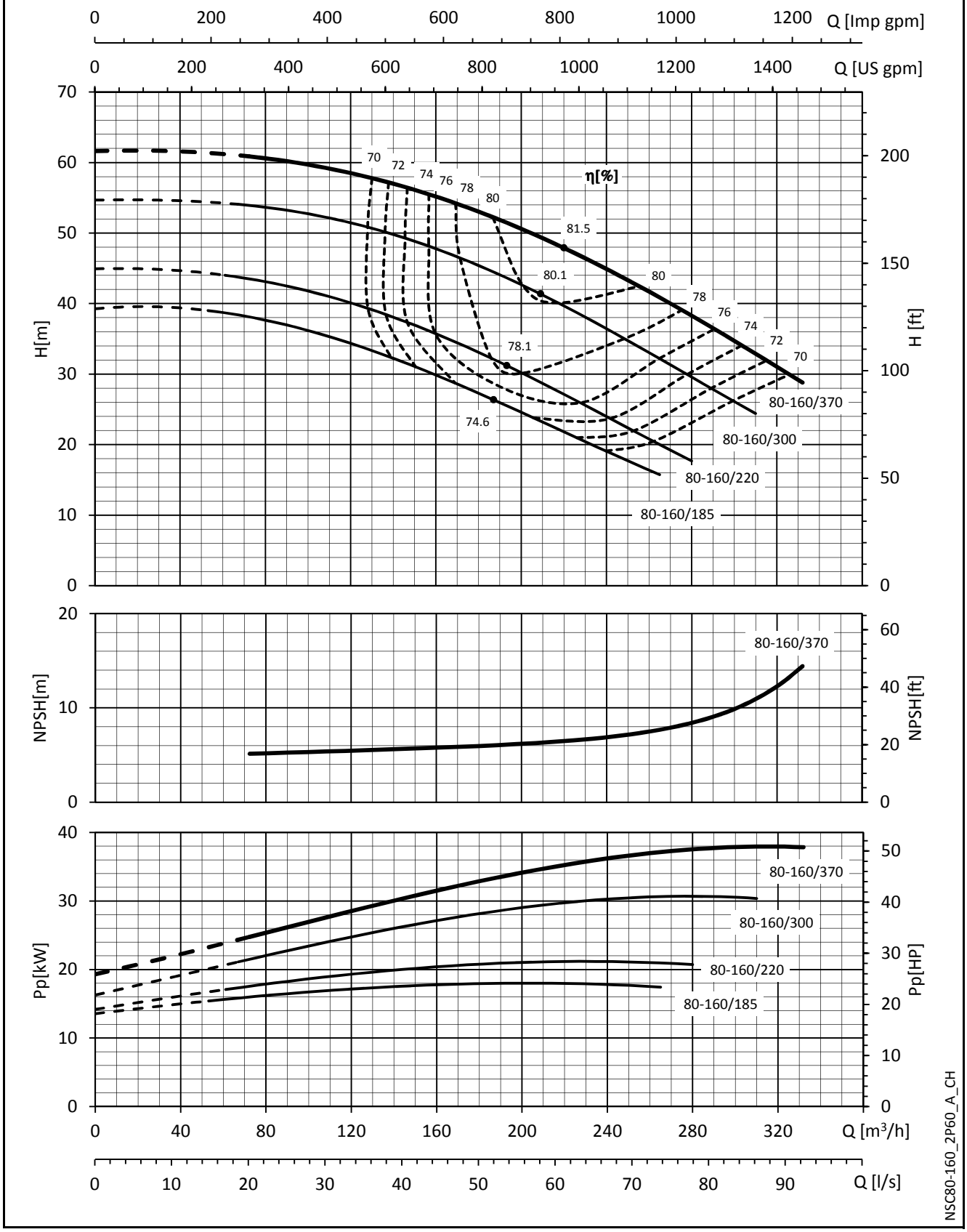


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 80-160	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

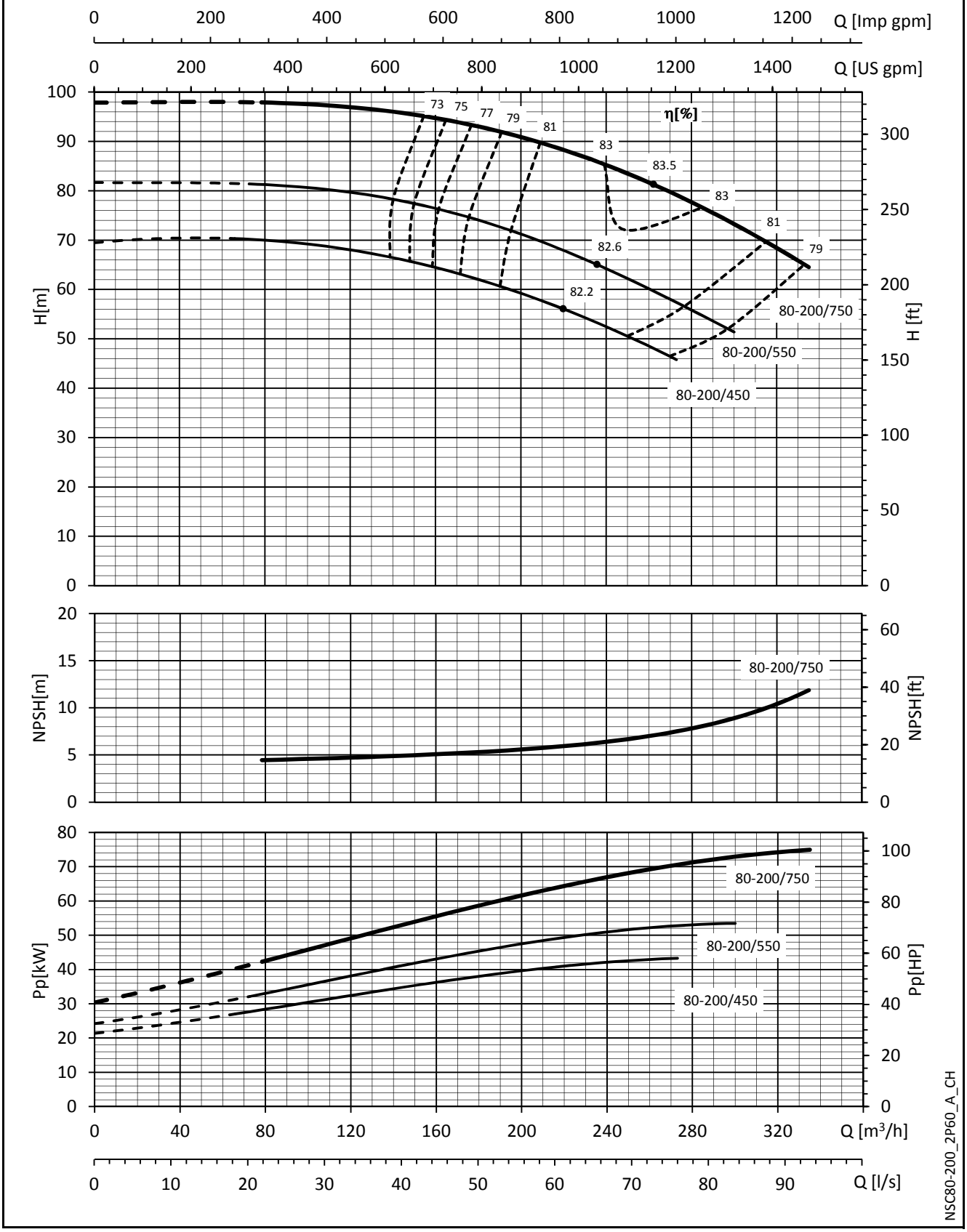


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 80-200	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

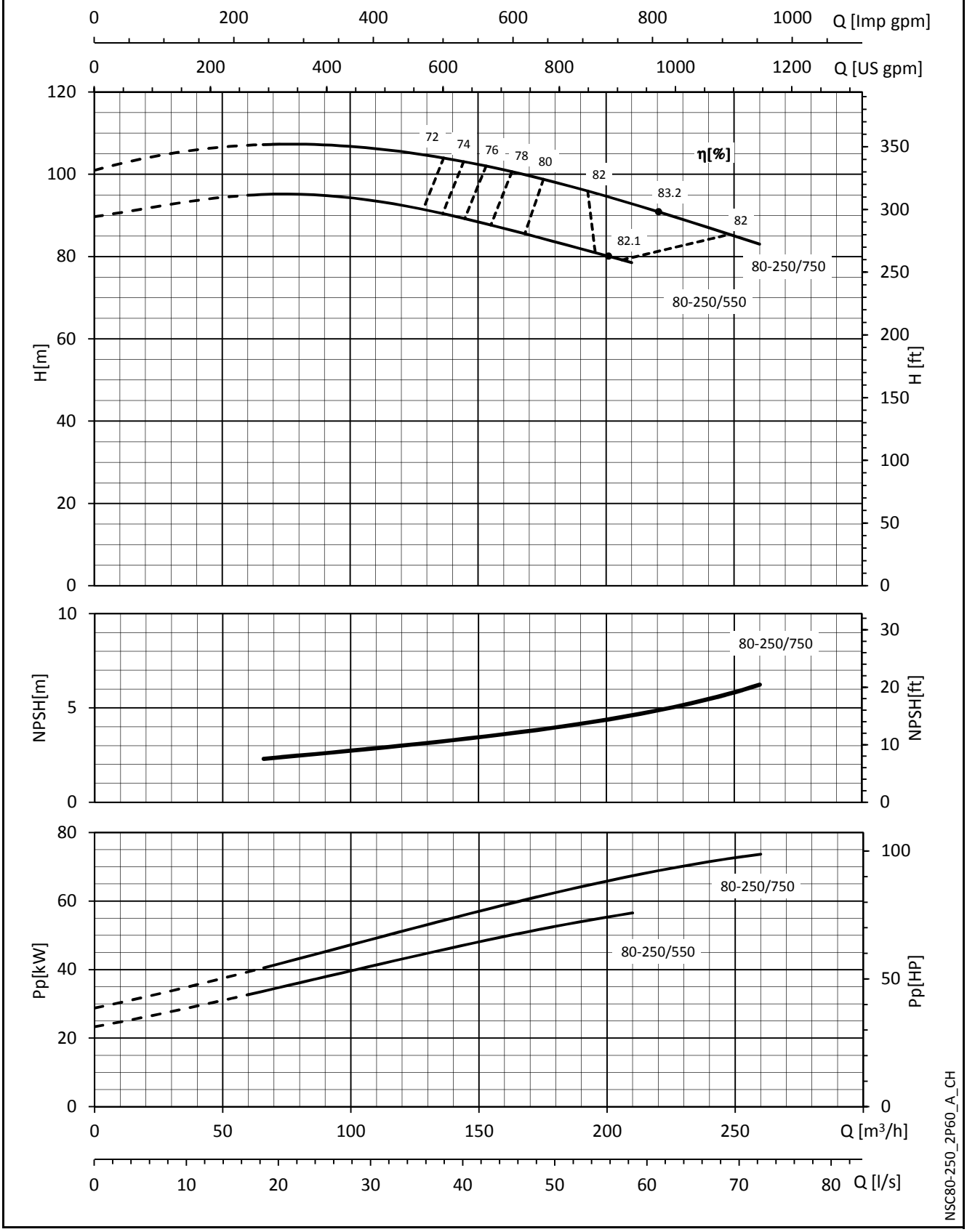


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 80-250	~ 3500 [rpm]	ISO 9906:2012 - Grade 3B

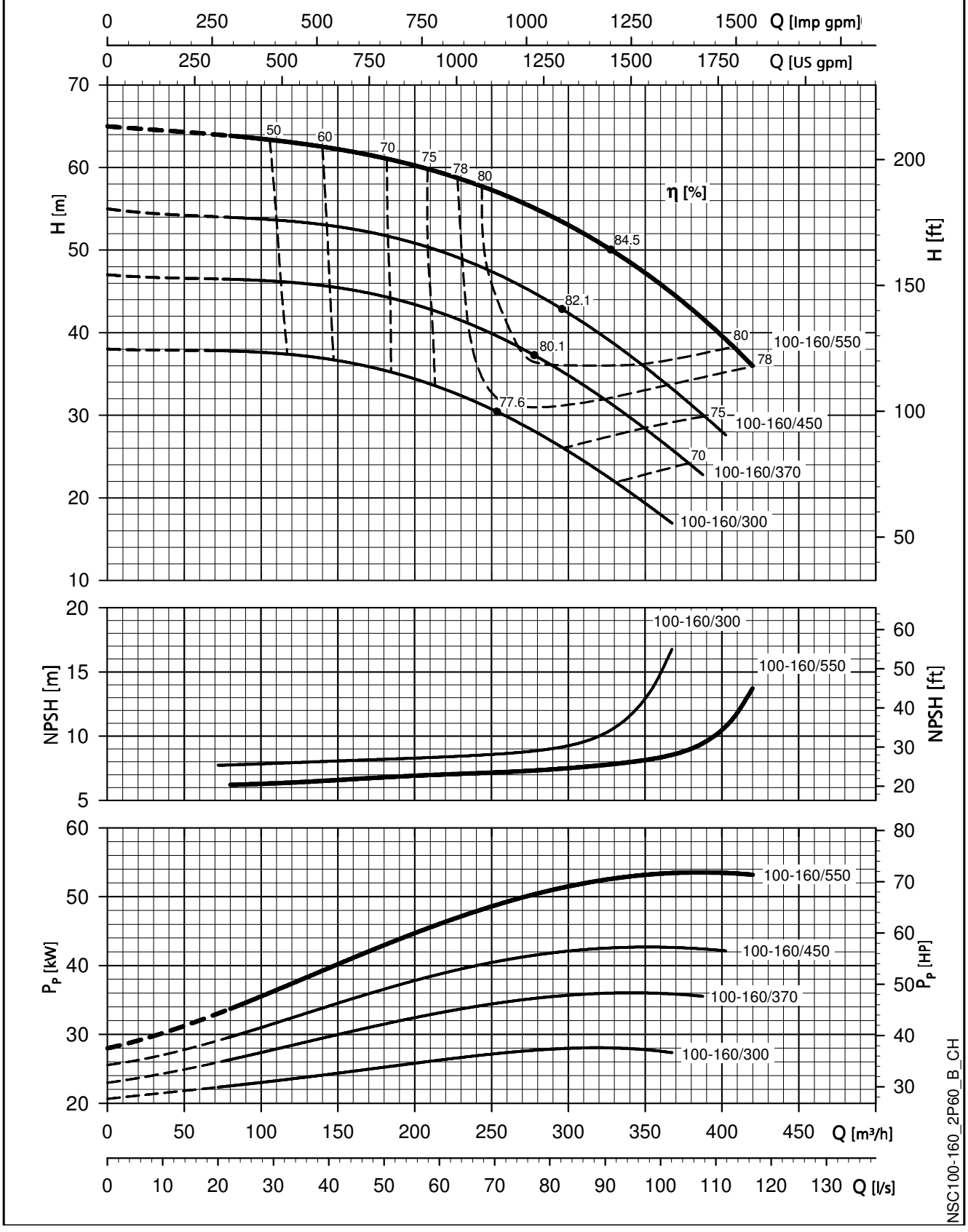


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 100-160	~ 3550 [rpm]	ISO 9906:2012 - Grade 3B

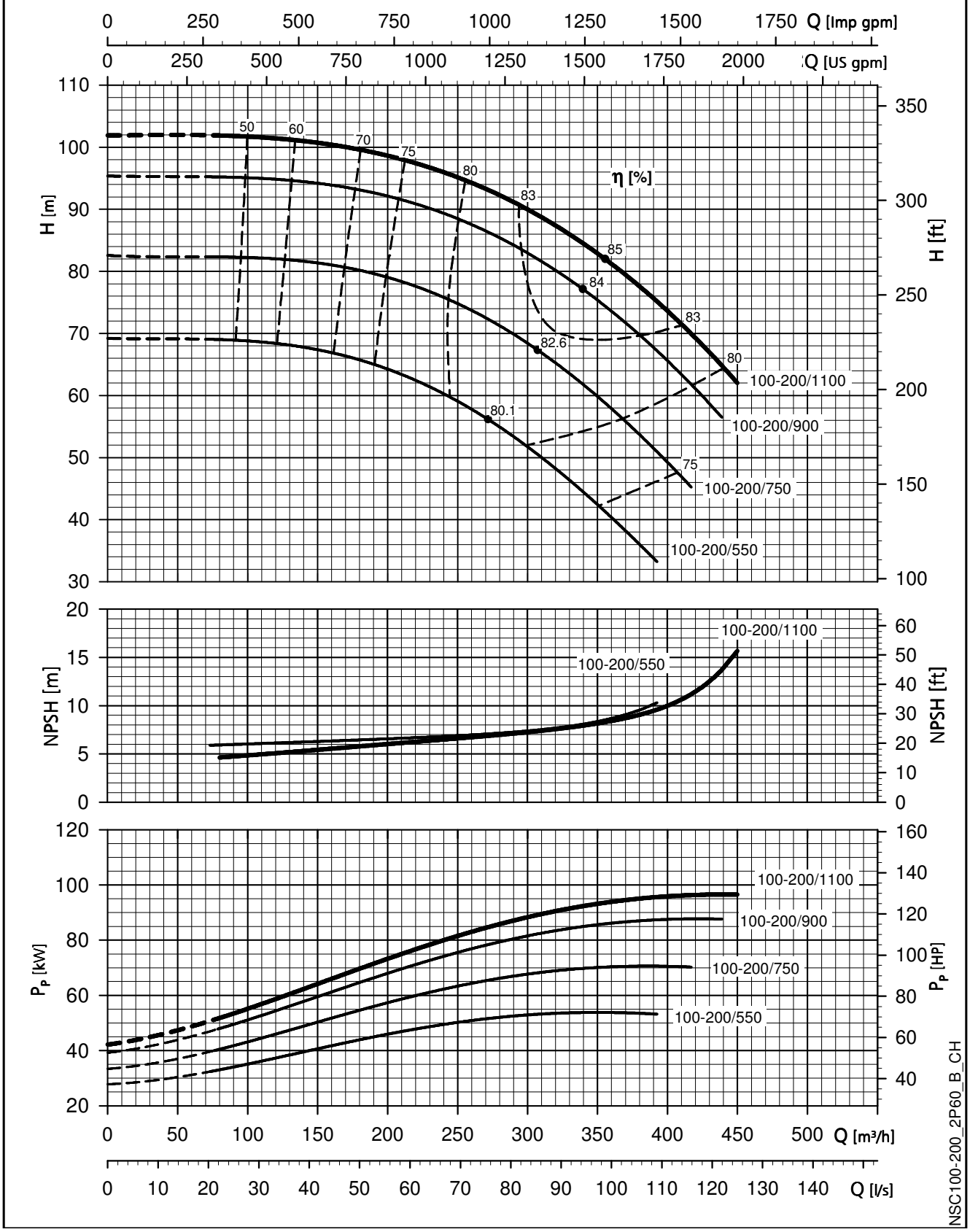


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 100-200	~ 3550 [rpm]	ISO 9906:2012 - Grade 3B

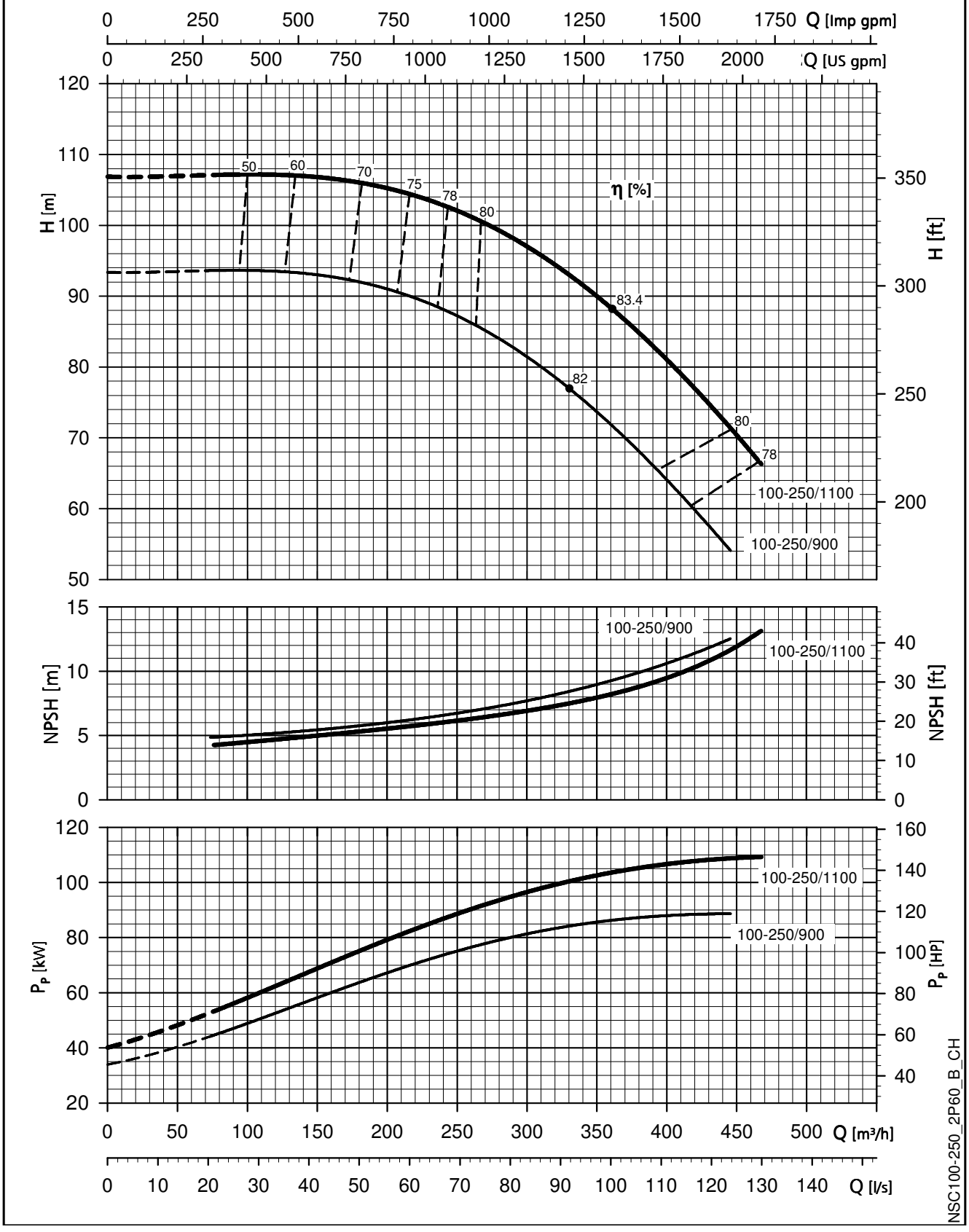


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 100-250	~ 3550 [rpm]	ISO 9906:2012 - Grade 3B

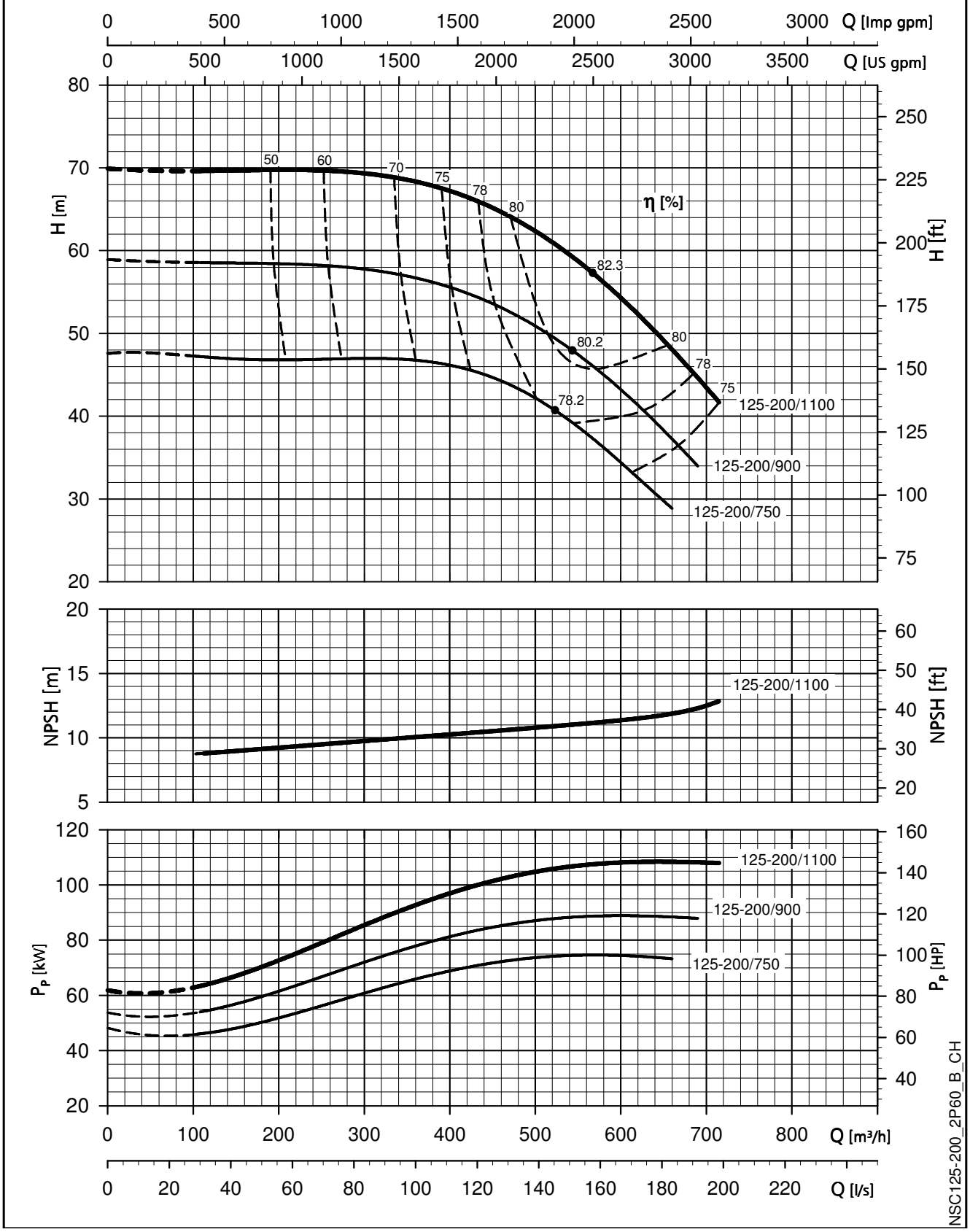


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 2 POLES

NSC 125-200	~ 3550 [rpm]	ISO 9906:2012 - Grade 3B

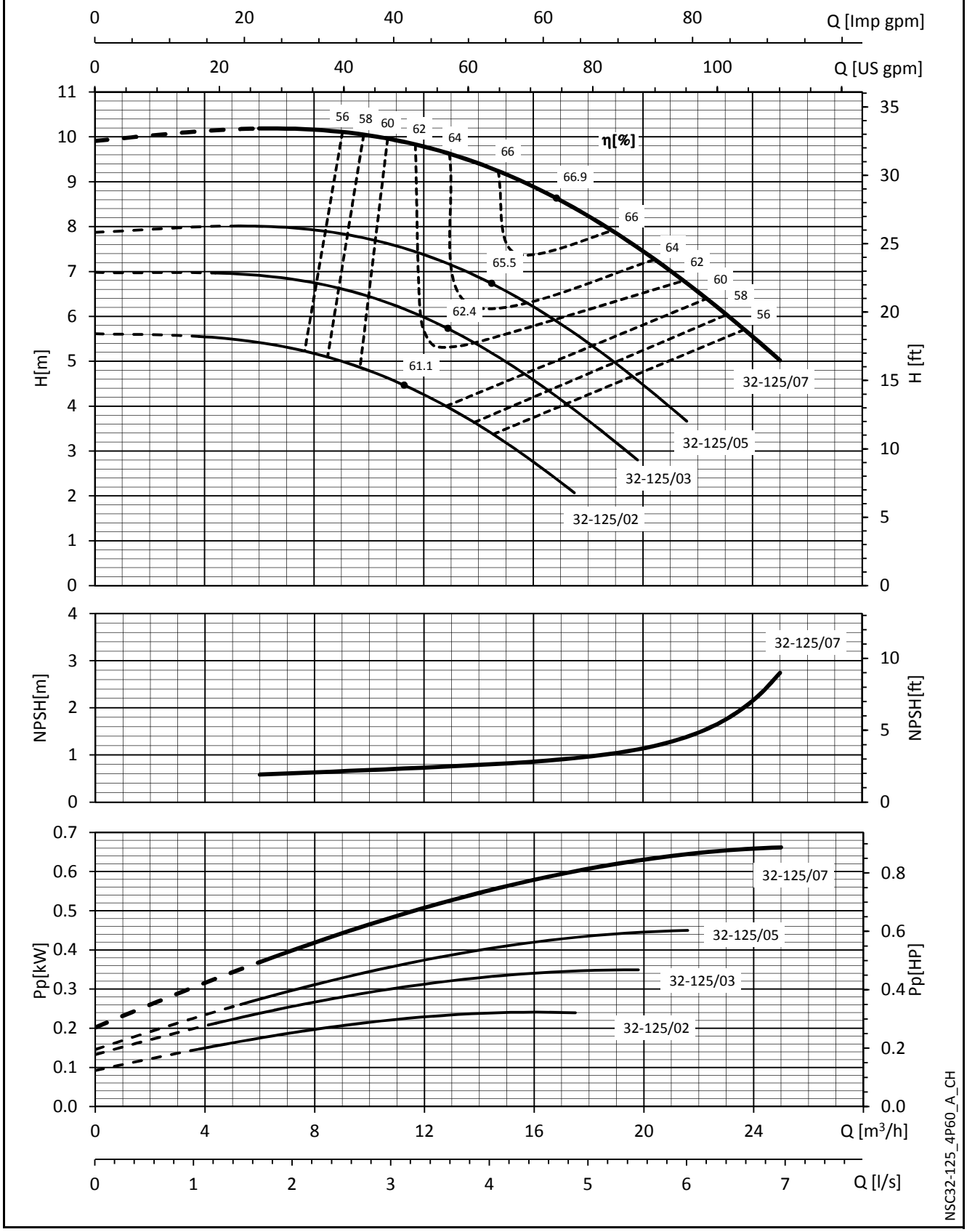


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 32-125	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

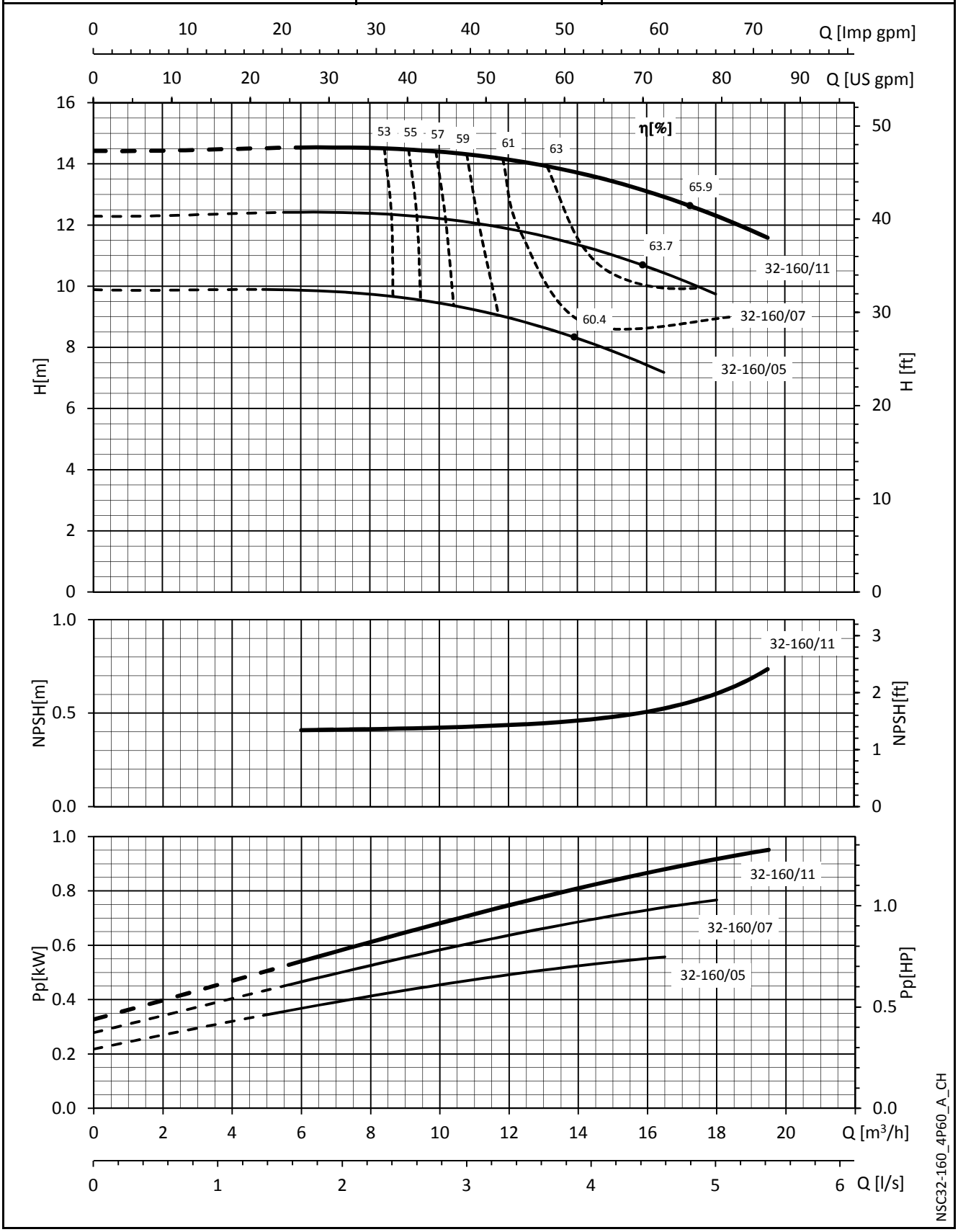


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 32-160	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

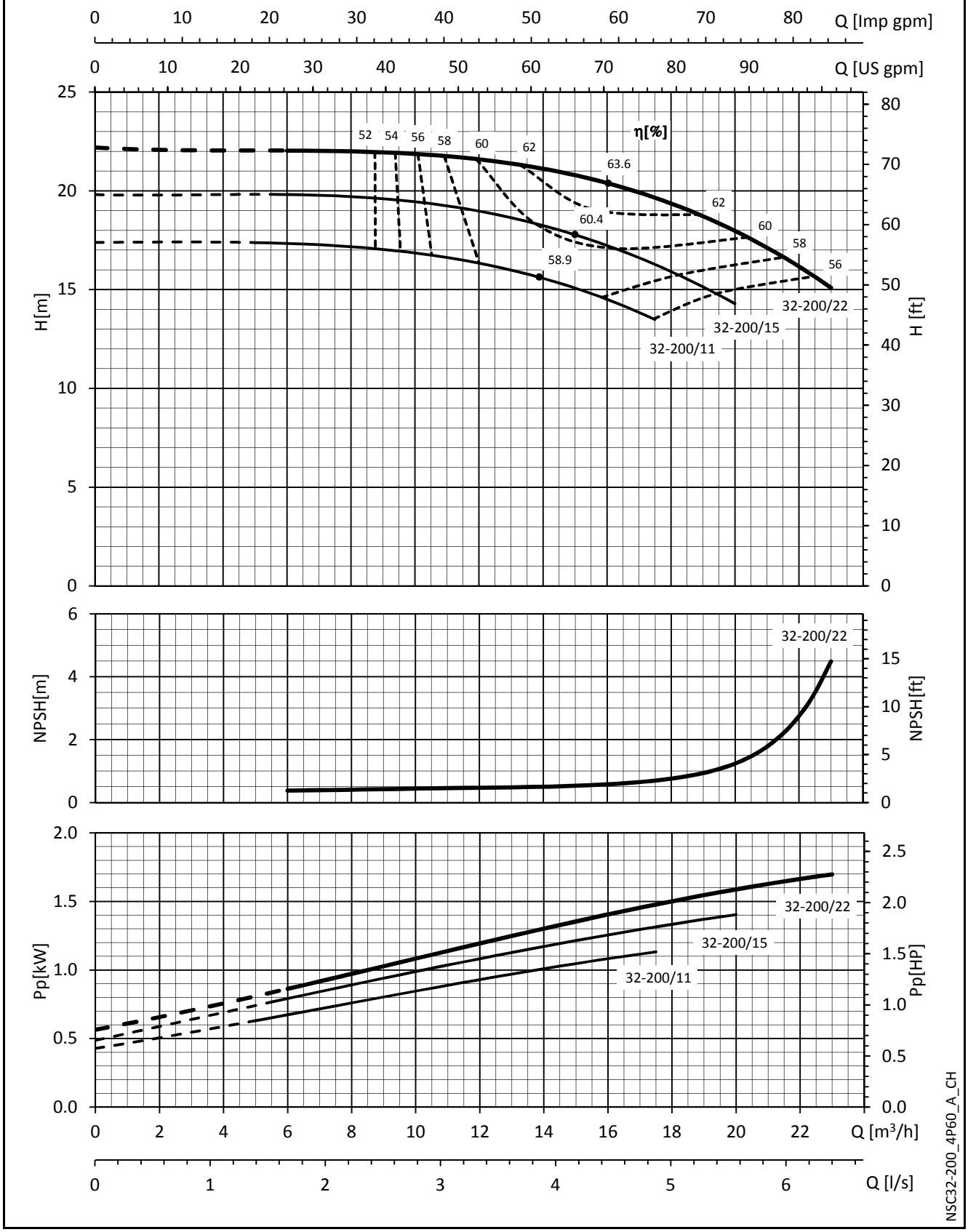


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 32-200	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

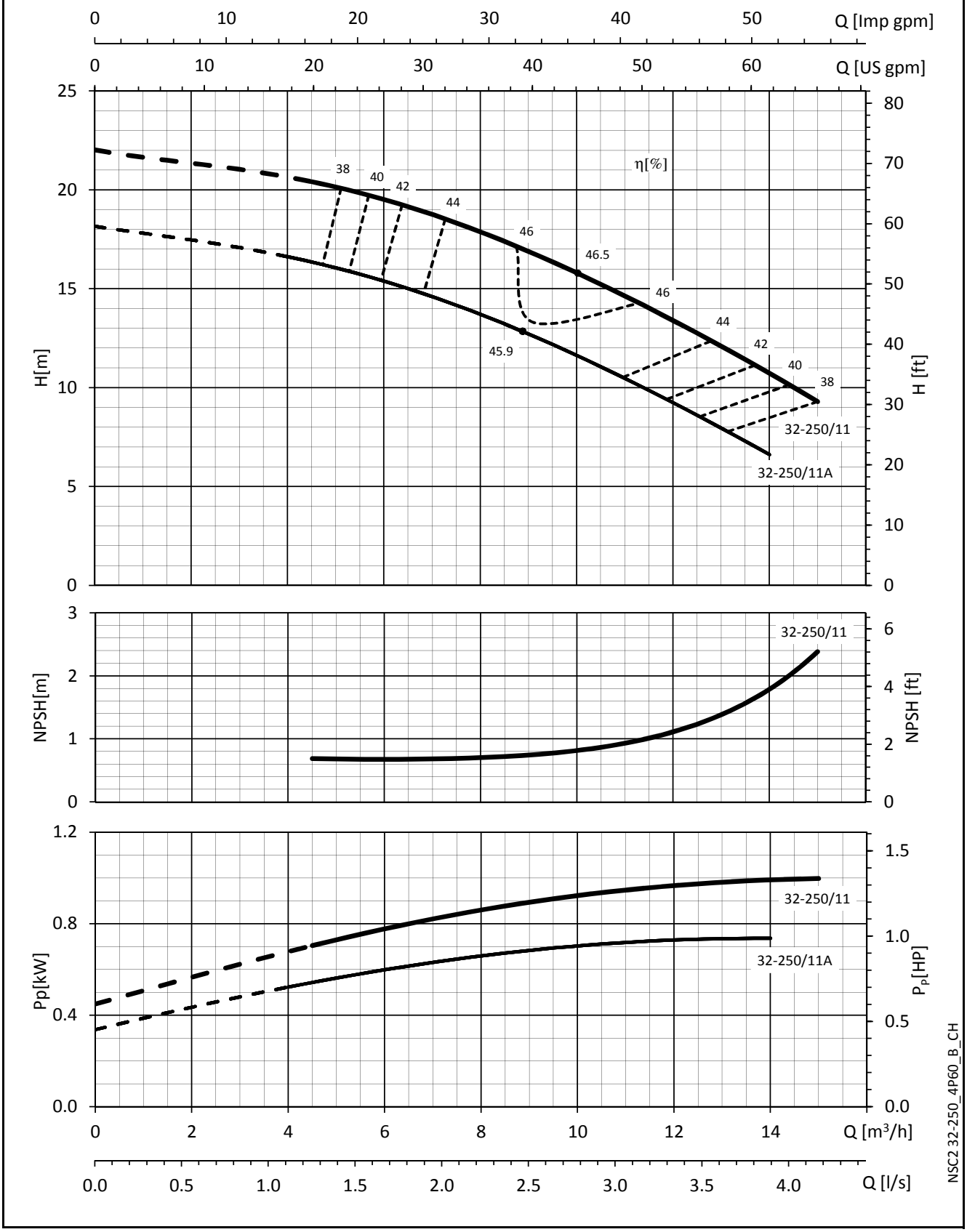


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC2 32-250	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

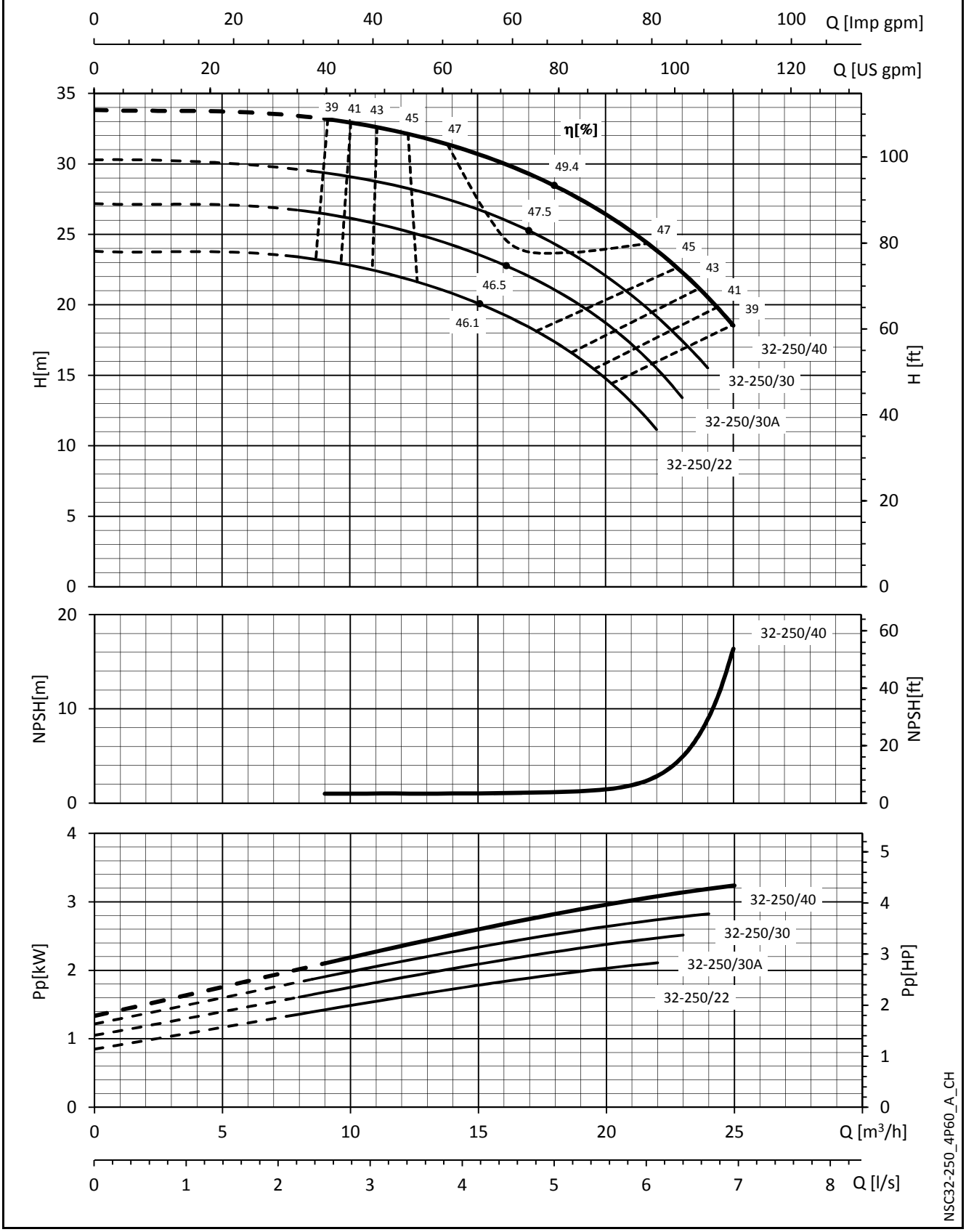


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 32-250	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

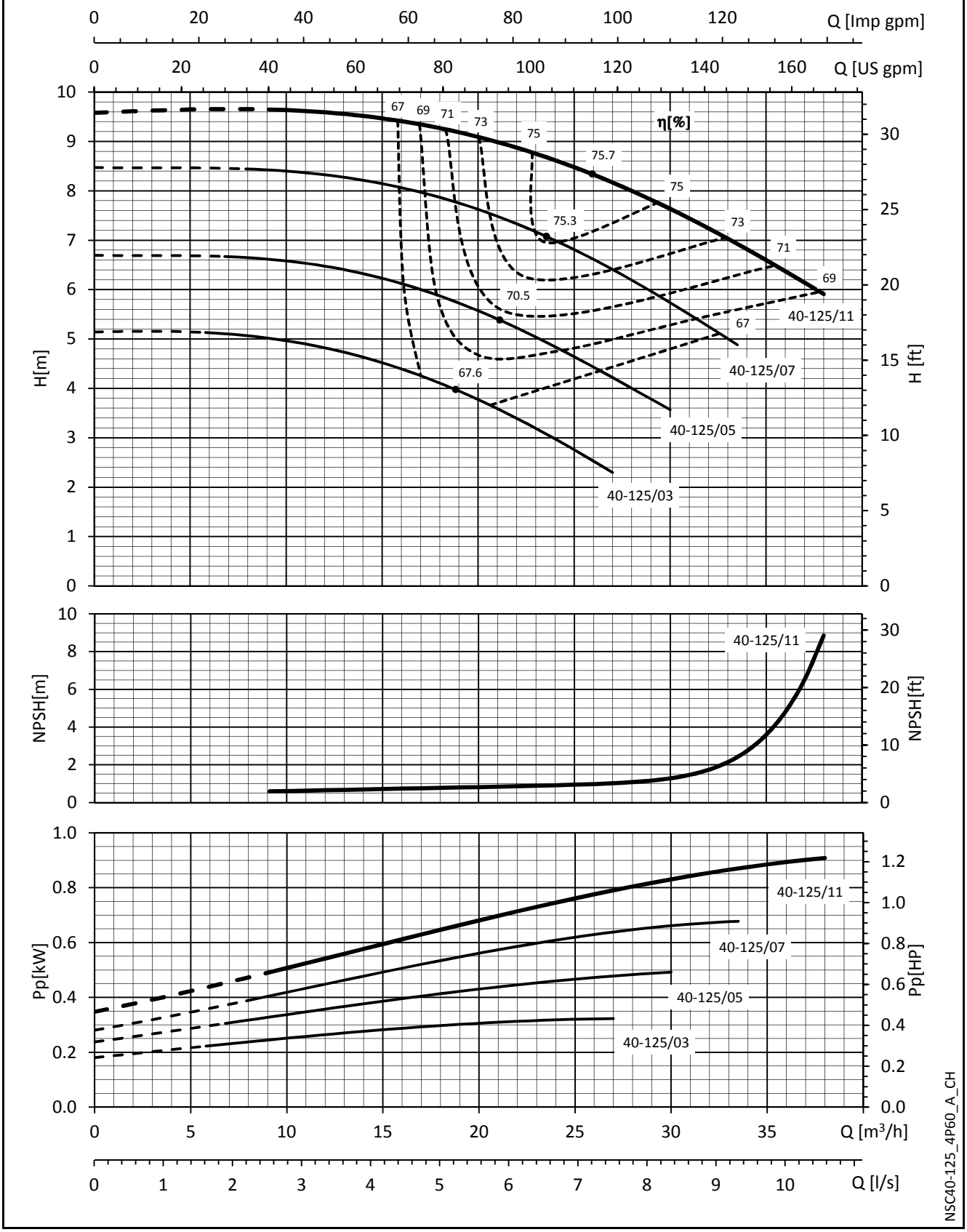


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 40-125	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

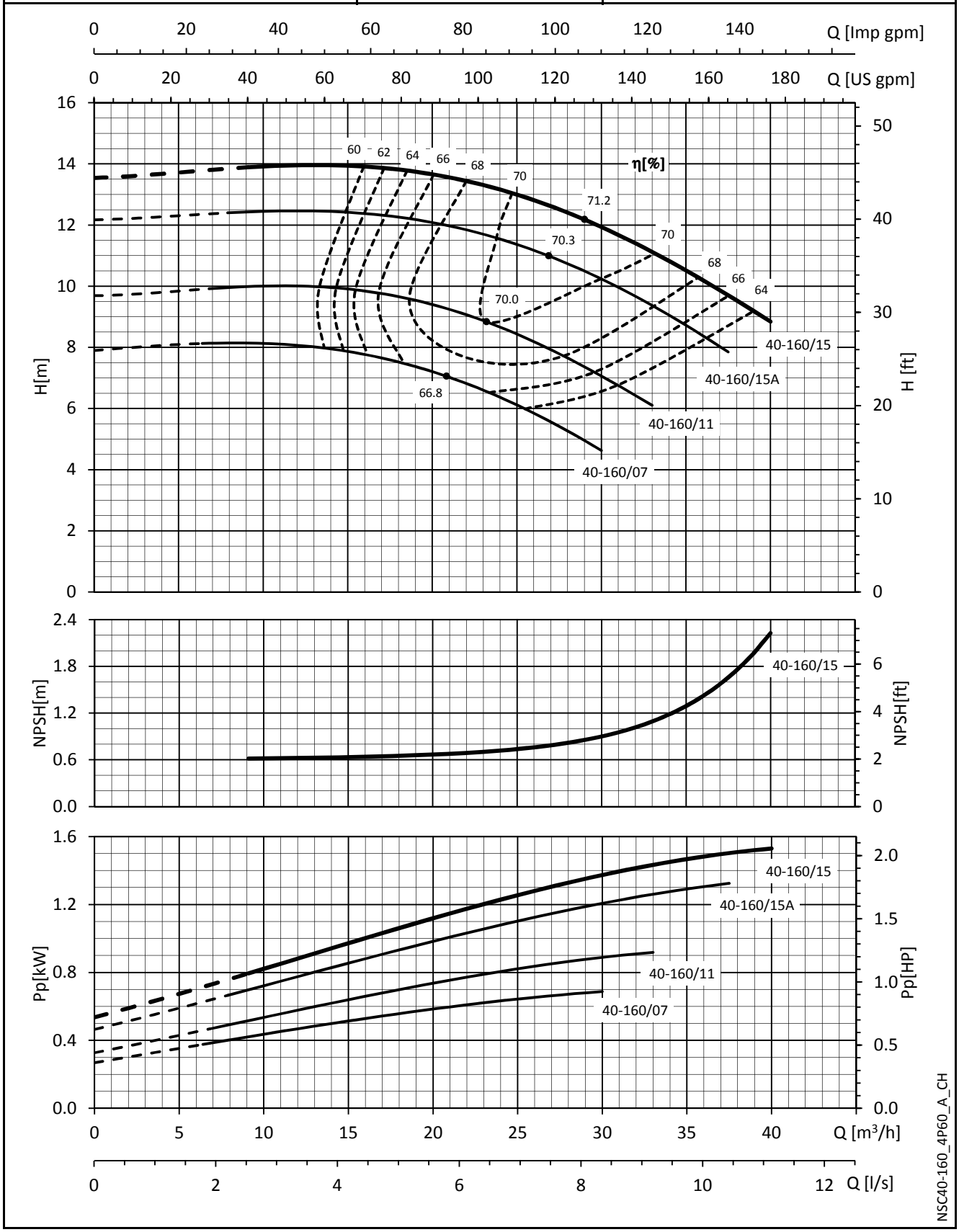


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 40-160	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

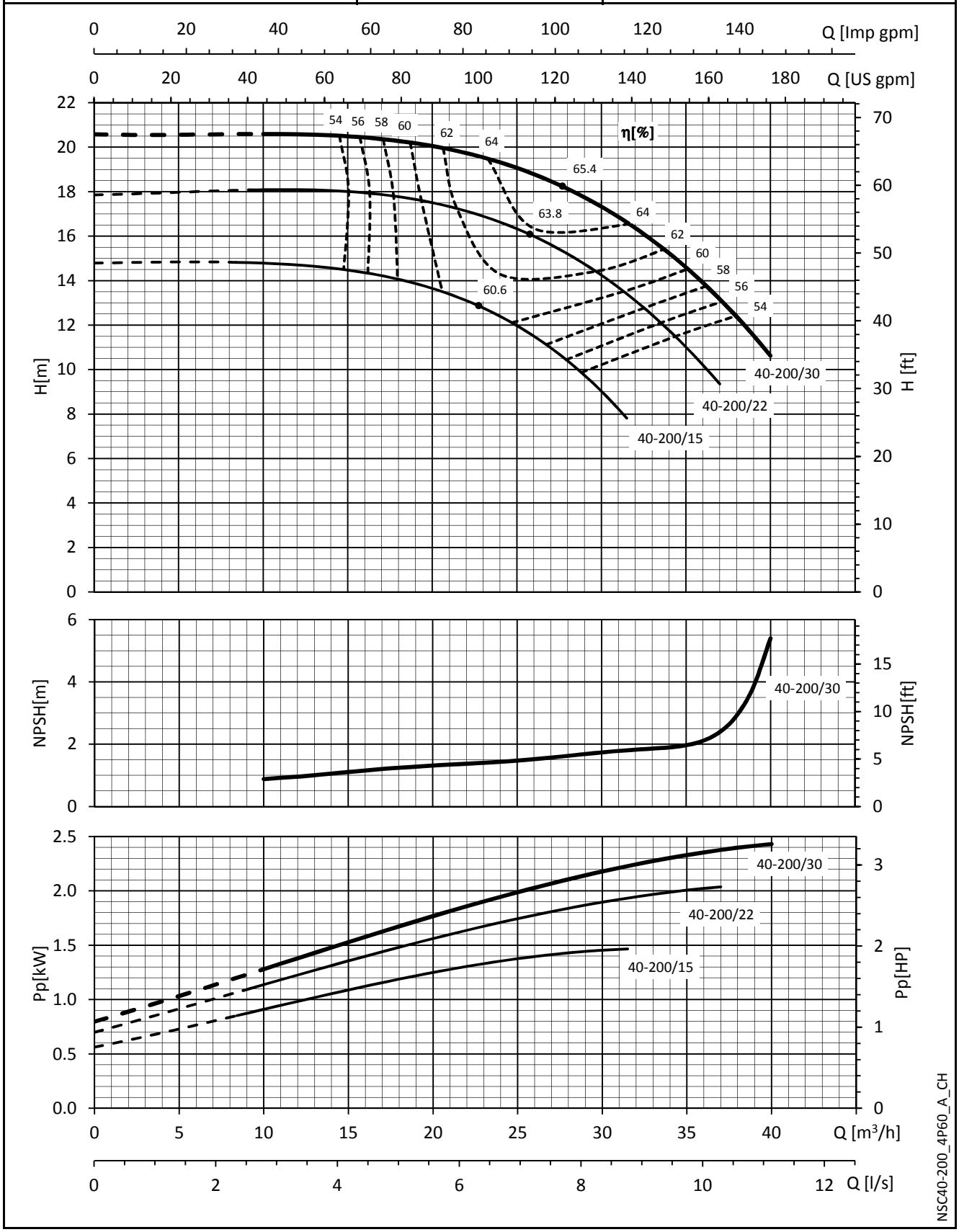


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 40-200	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

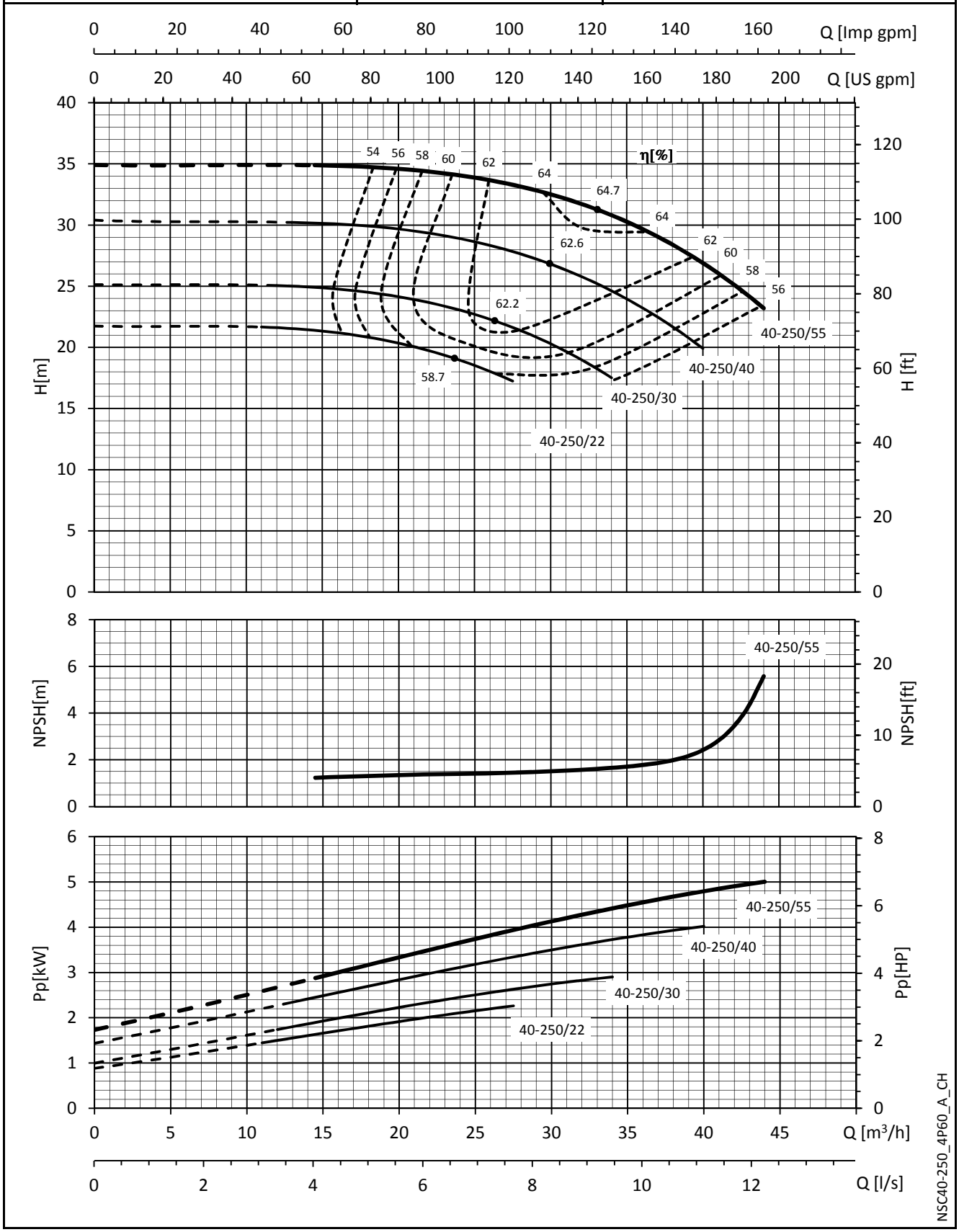


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 40-250	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

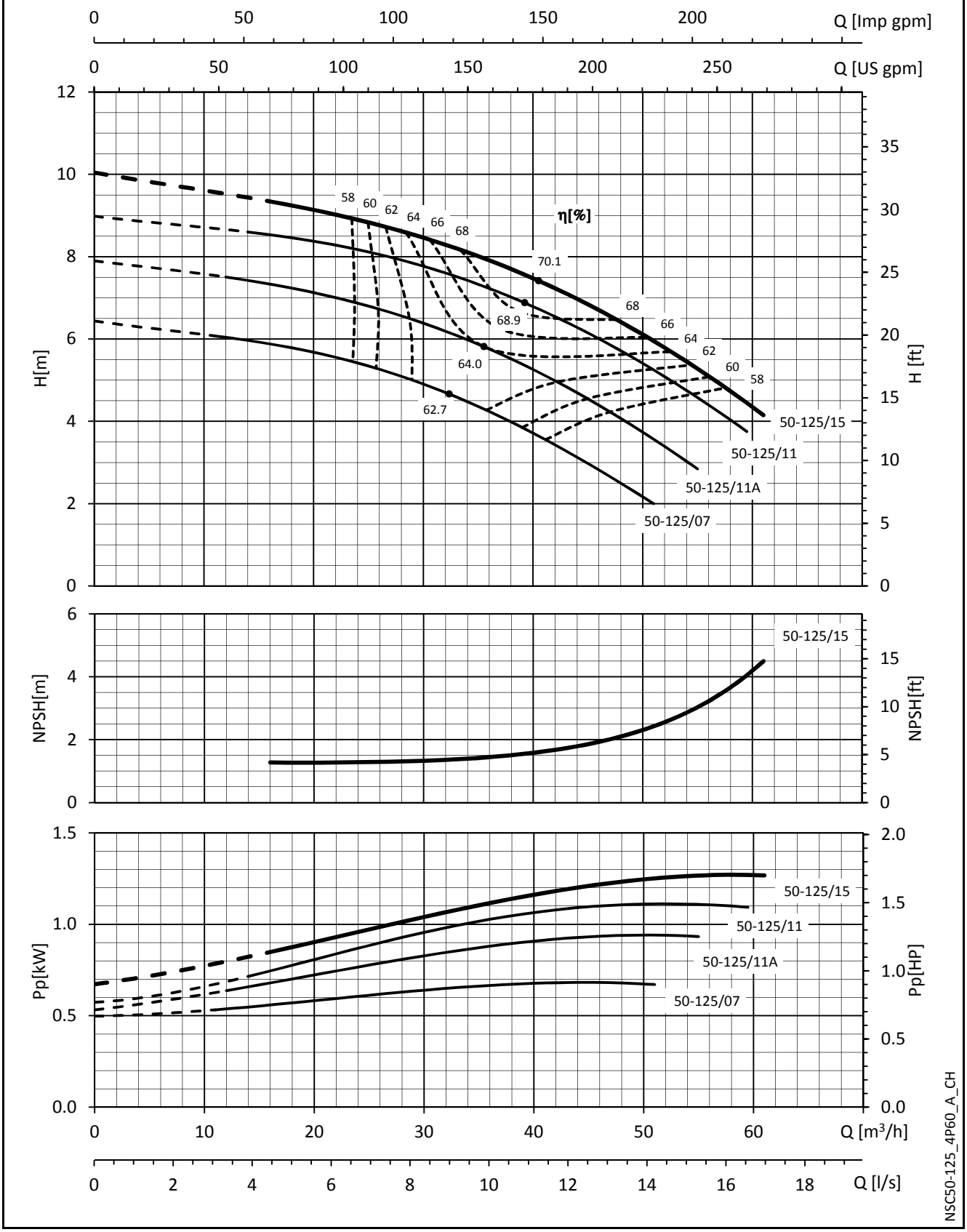


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 50-125	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

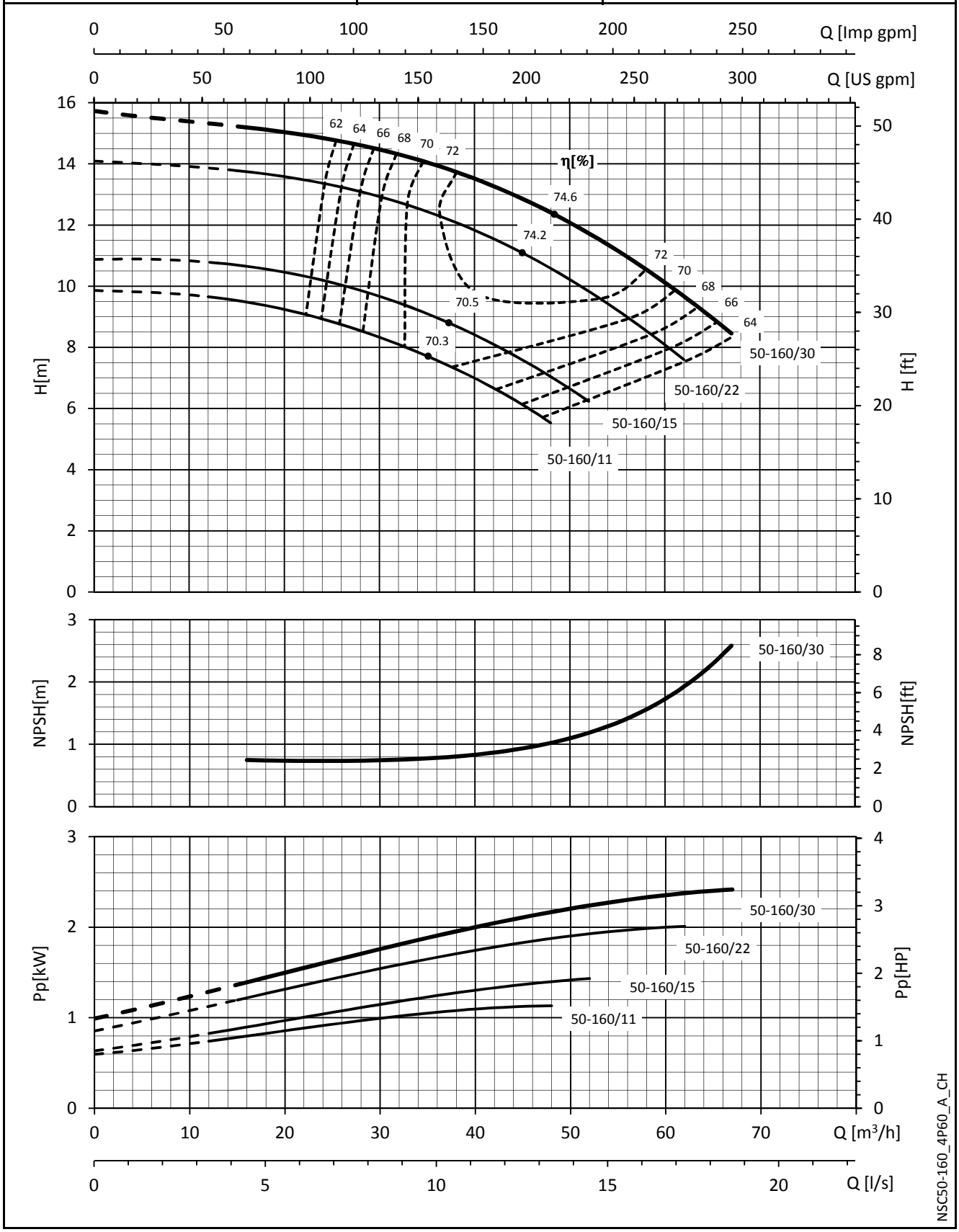


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 50-160	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

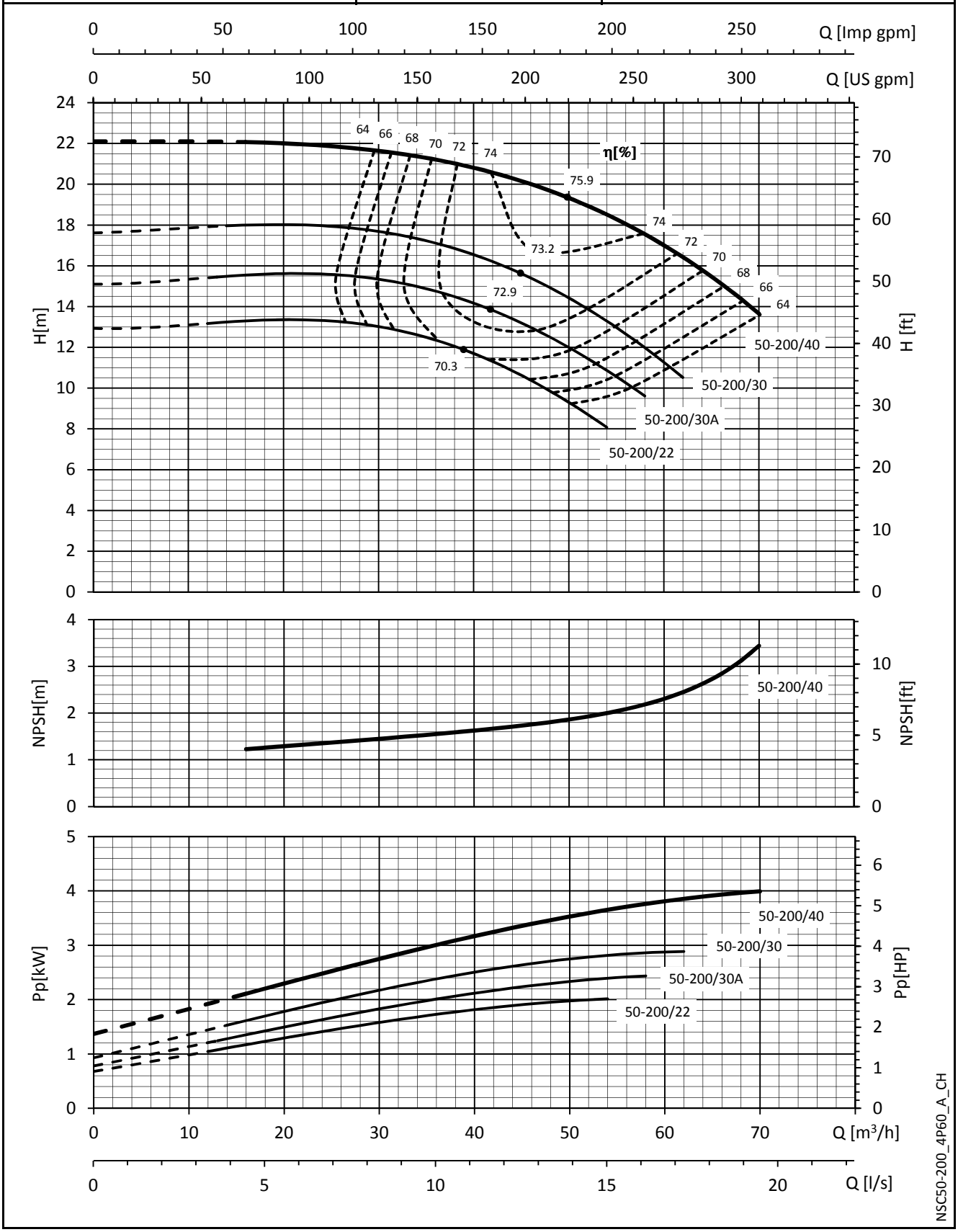


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 50-200	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

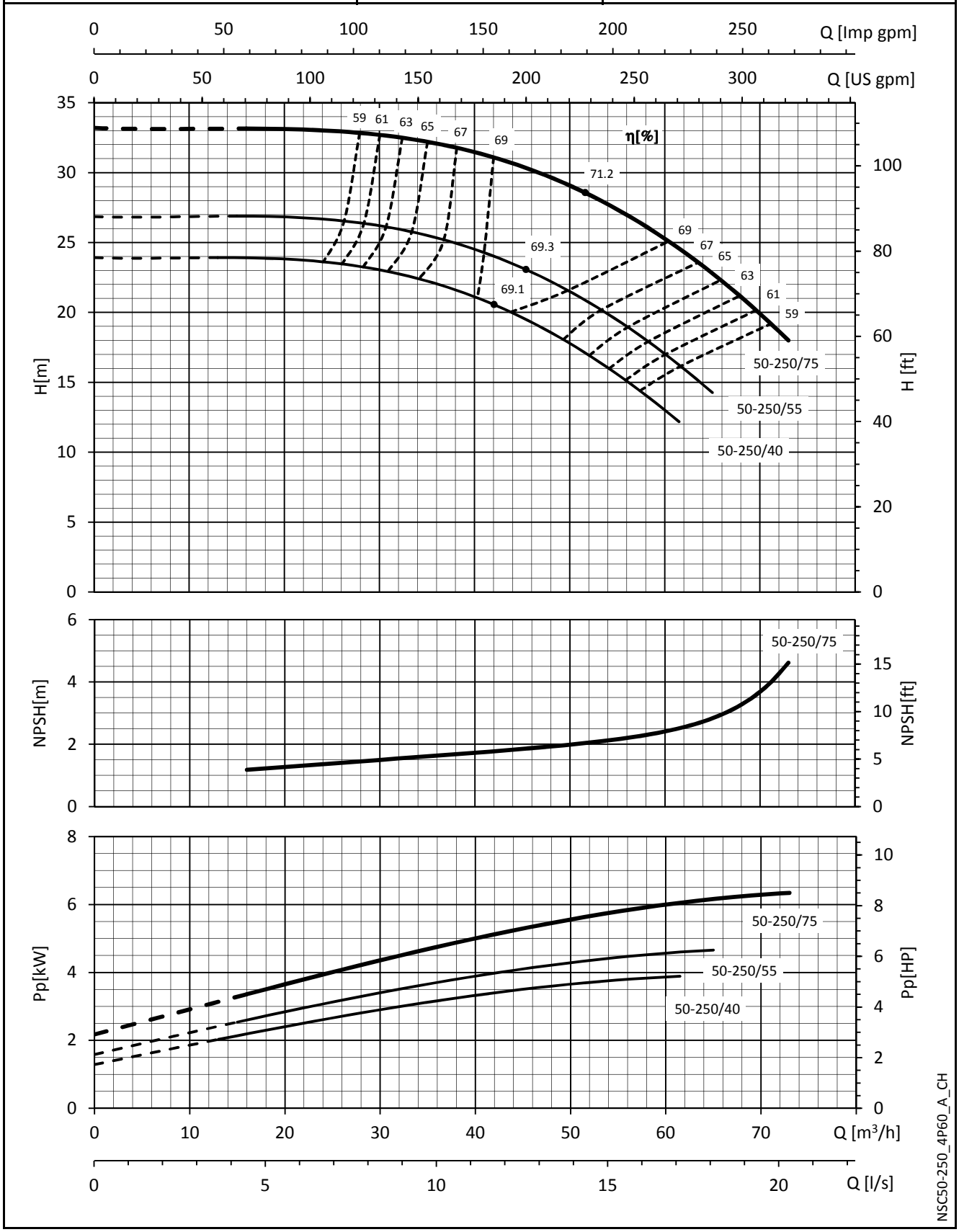


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 50-250	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

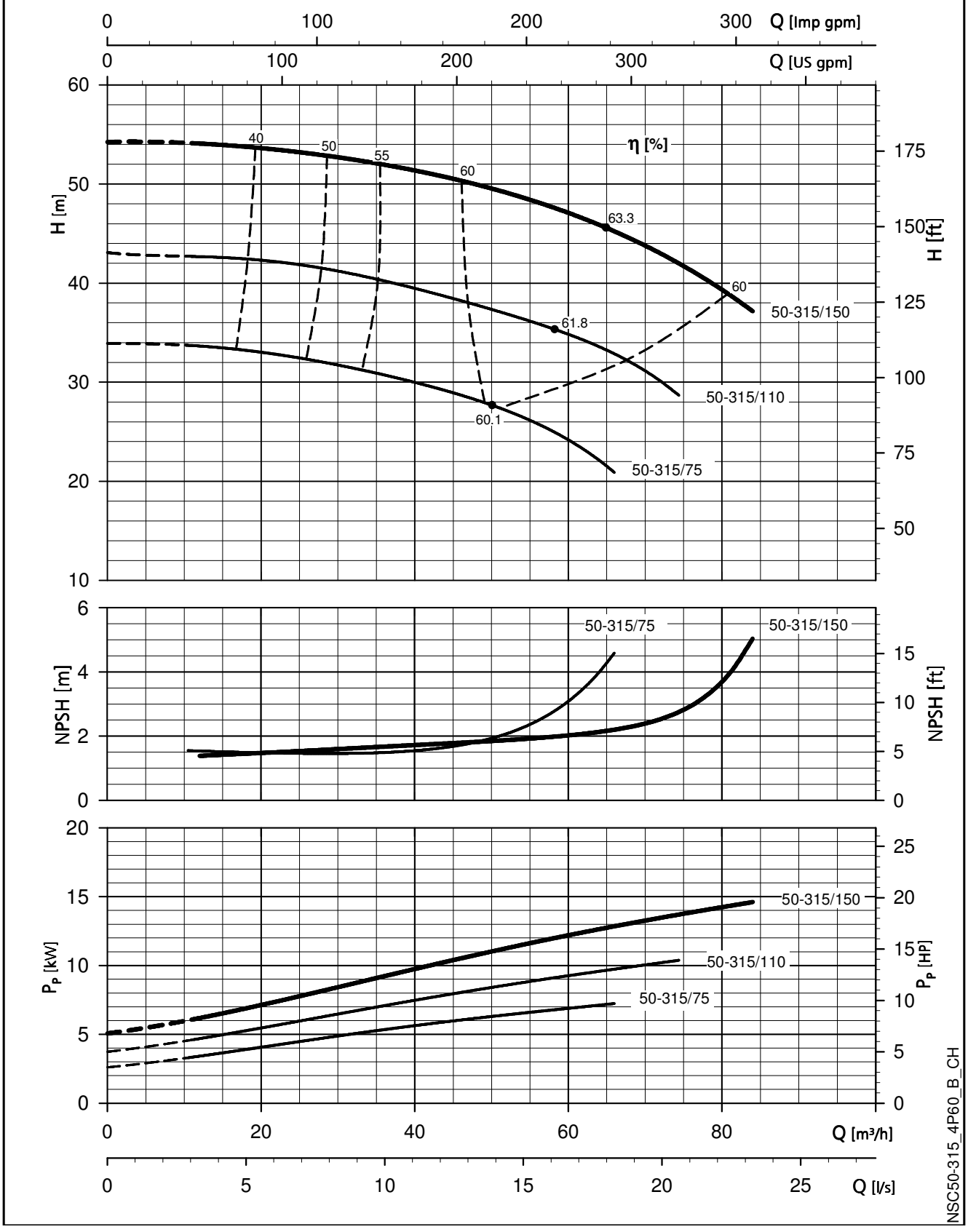


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 50-315	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

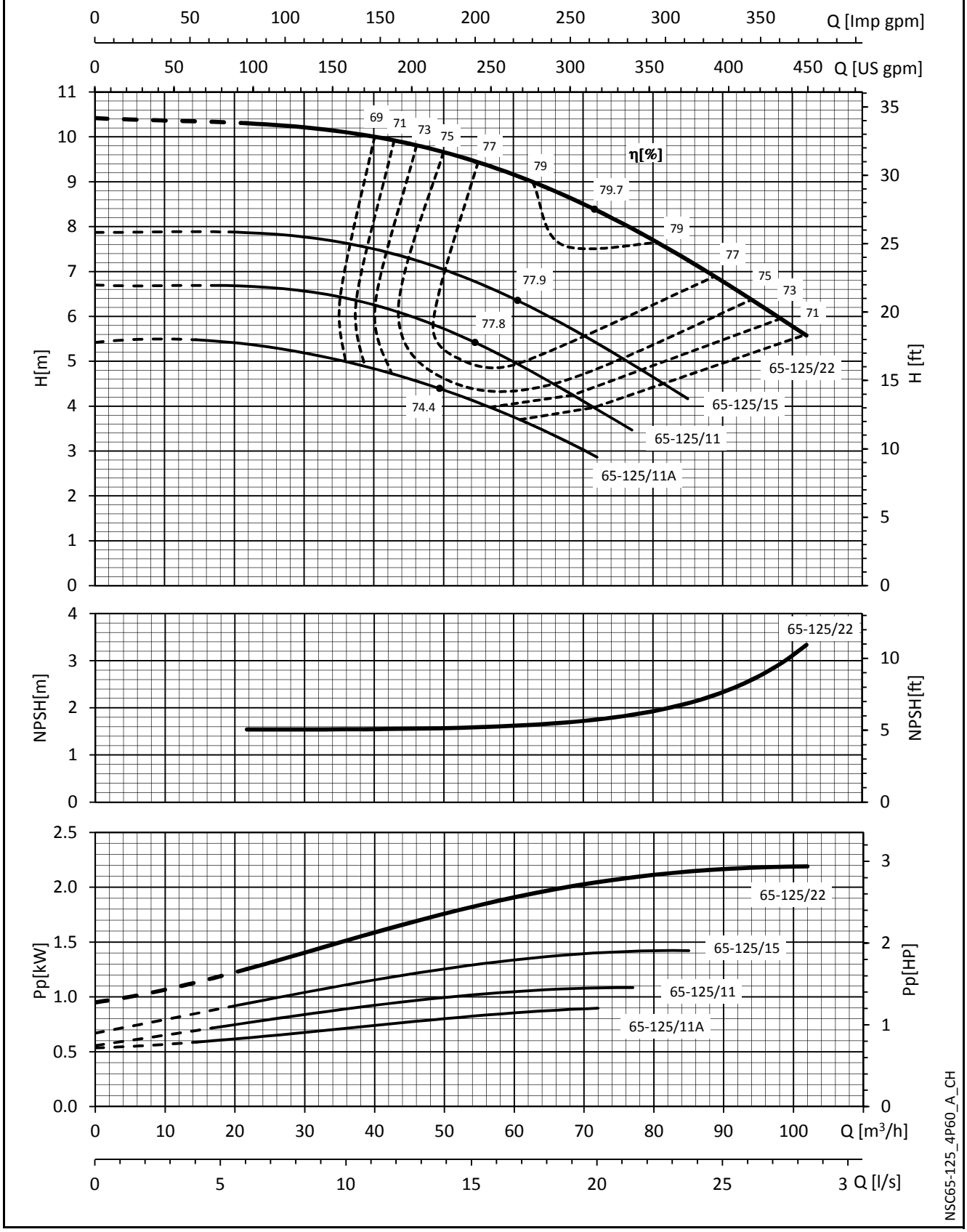


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 65-125	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

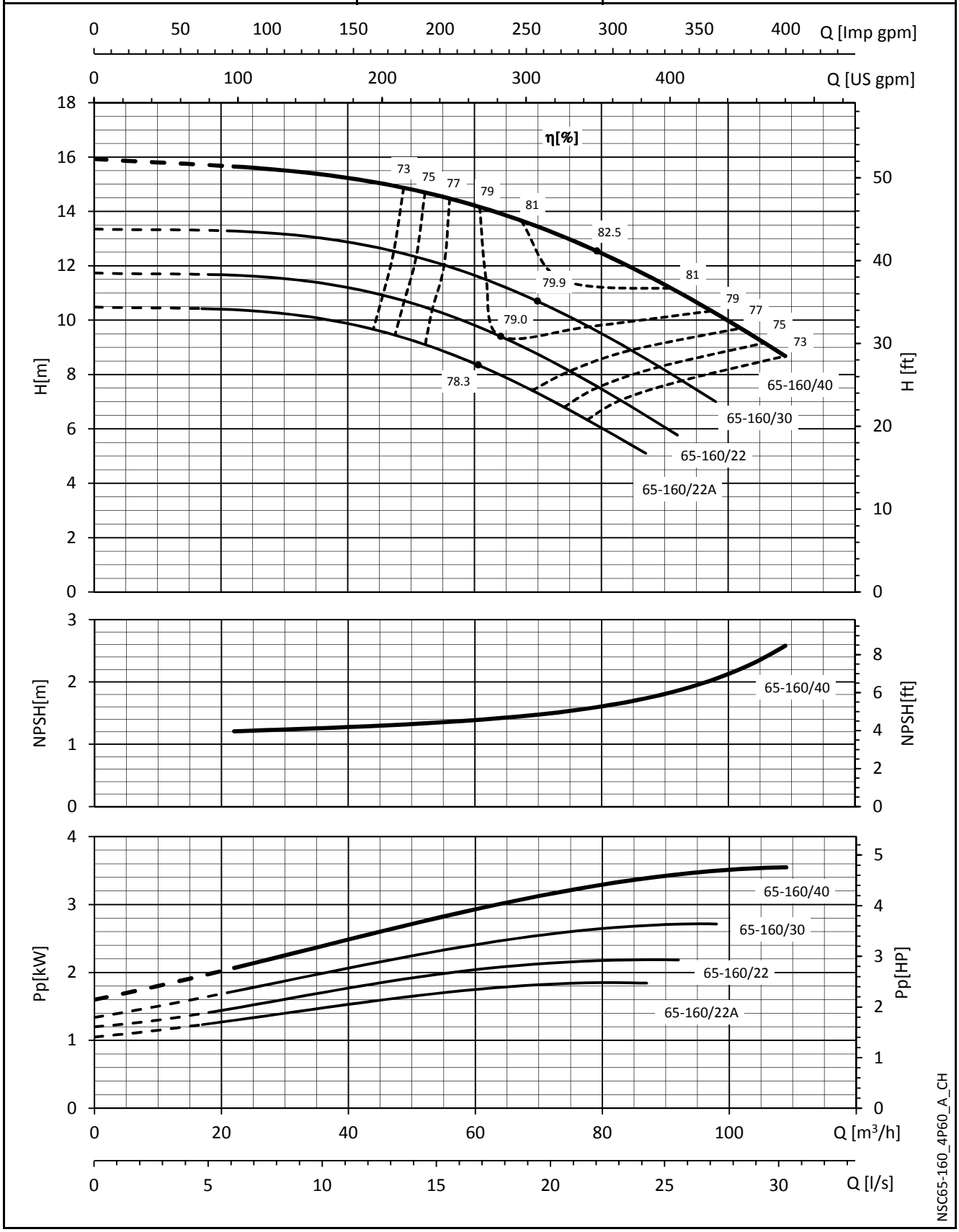


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 65-160	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

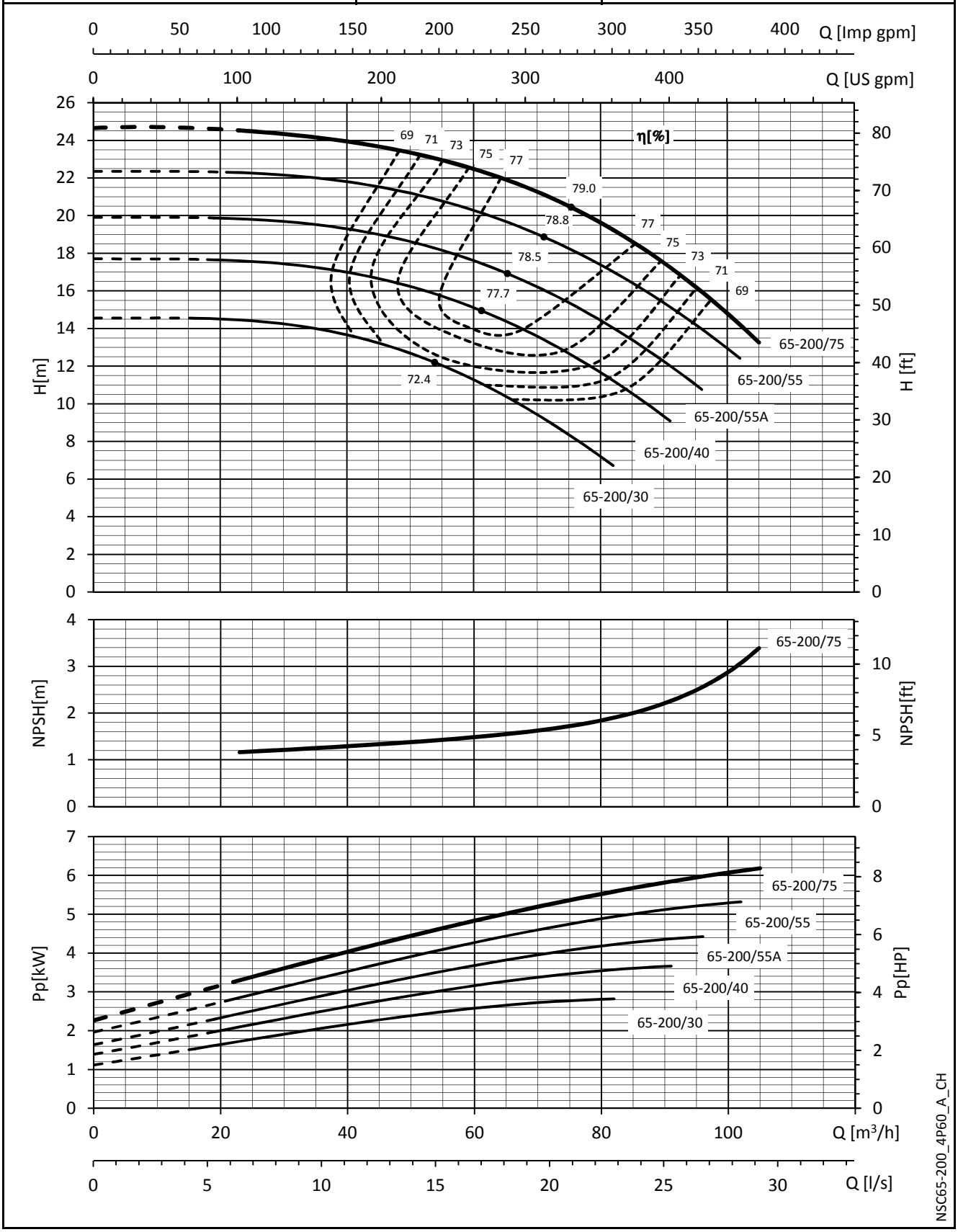


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 65-200	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

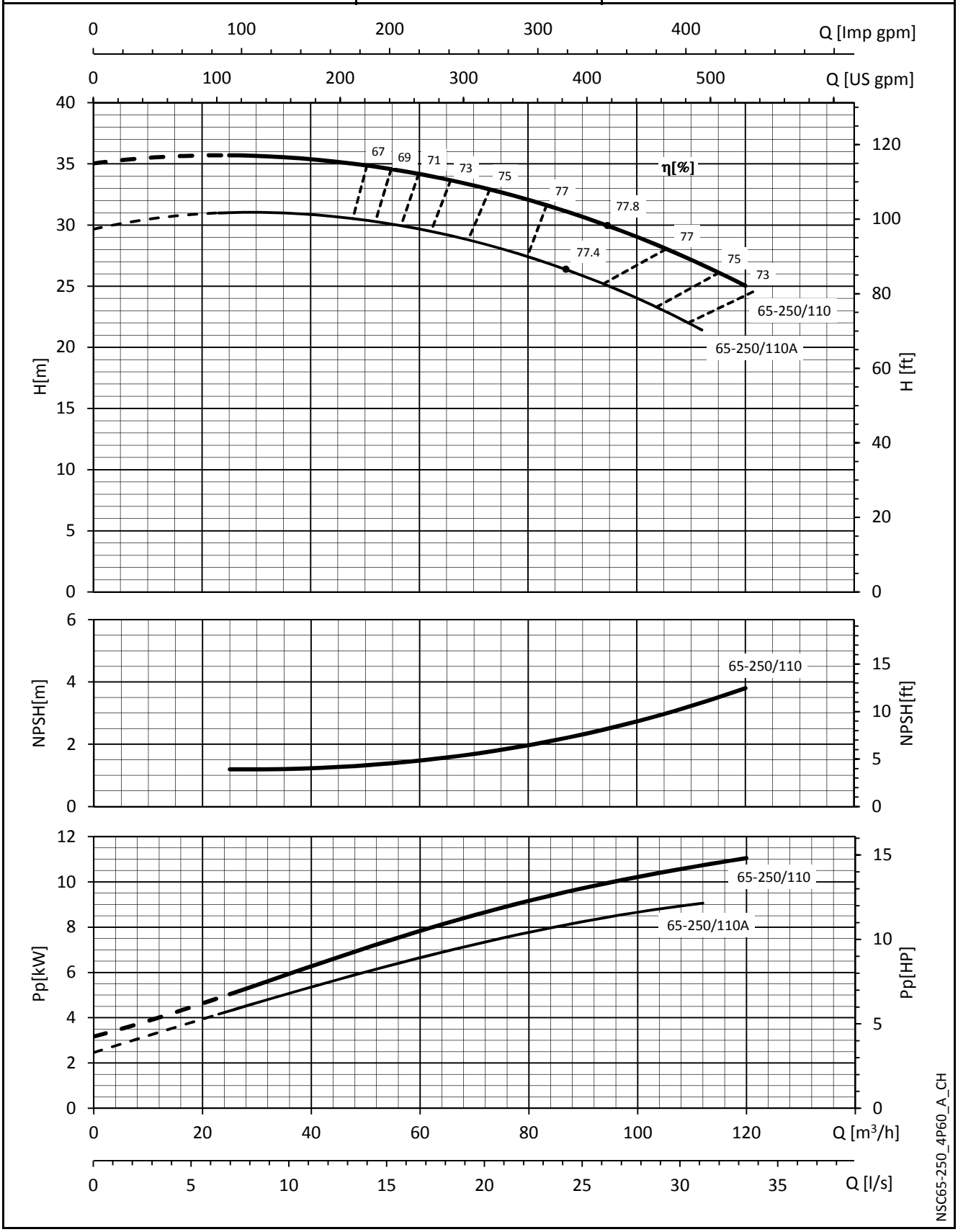


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 65-250	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

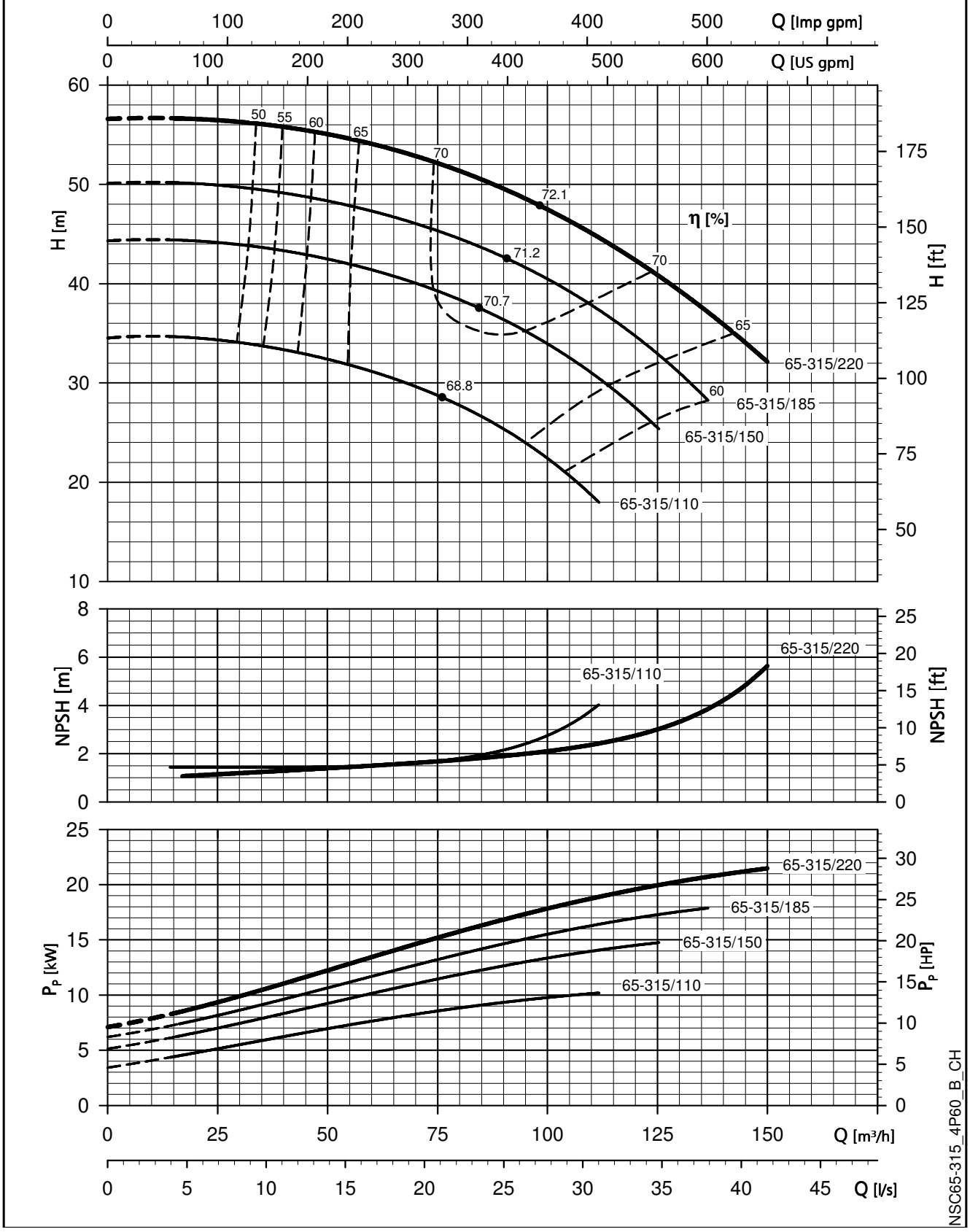


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 65-315	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

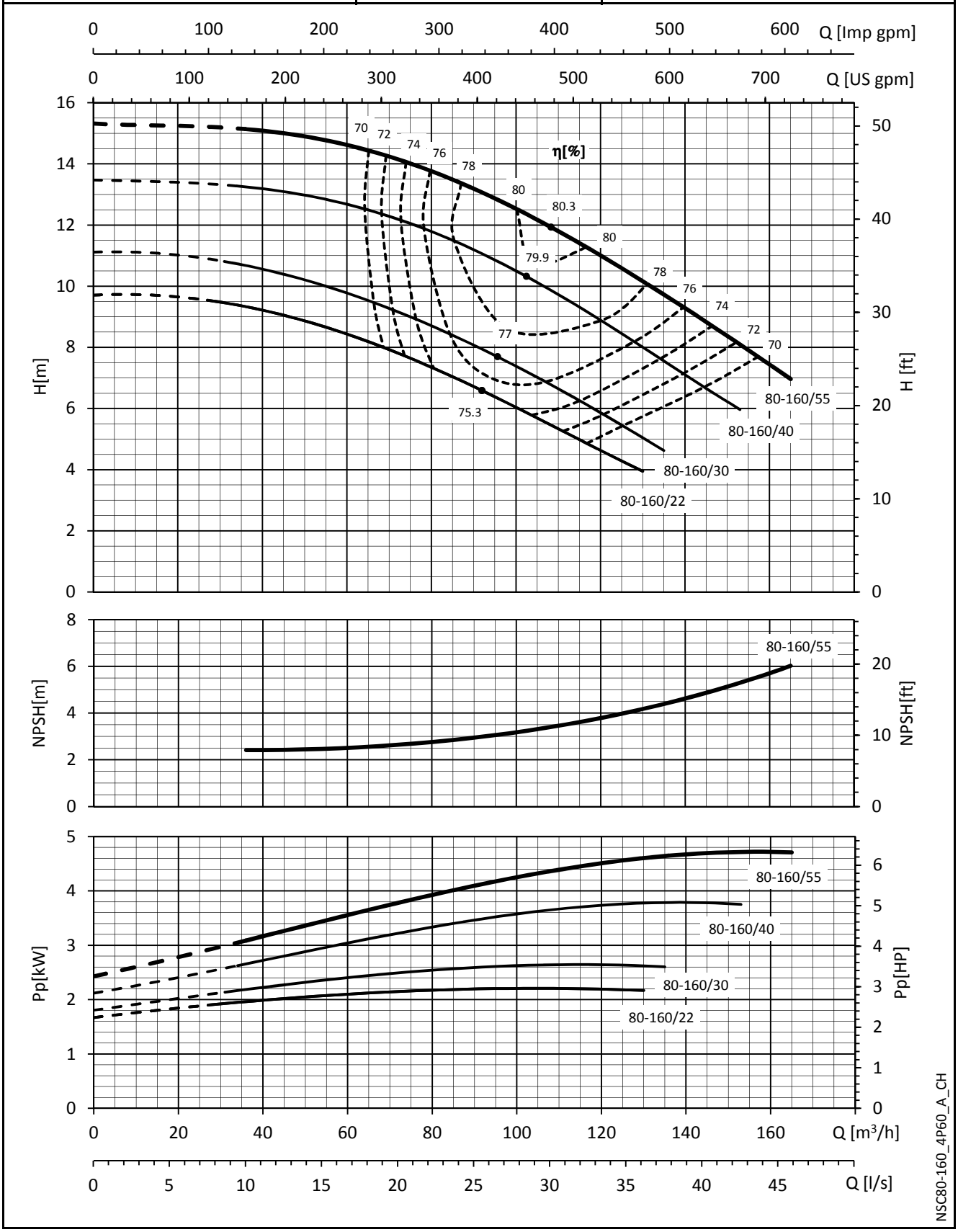


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 80-160	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

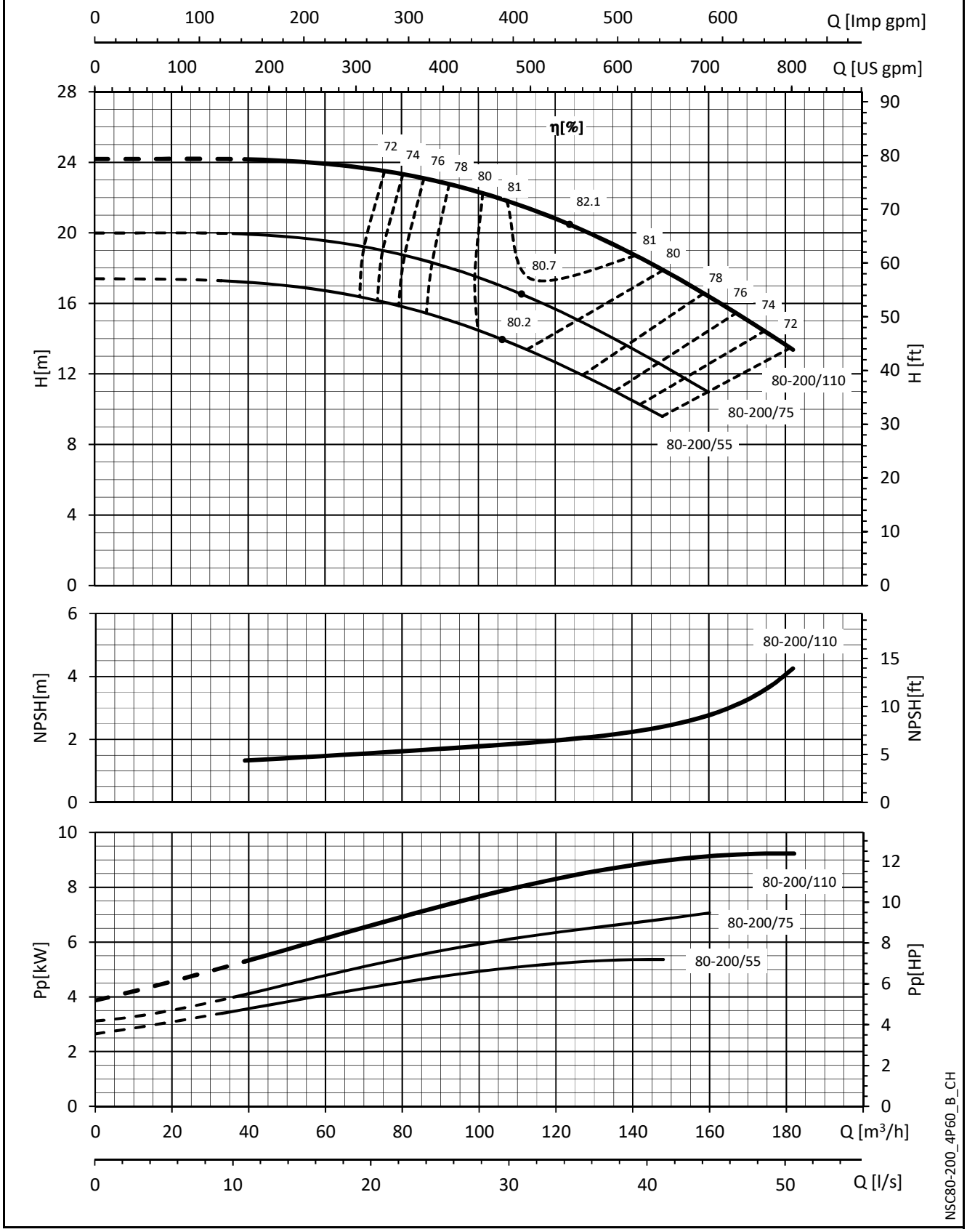


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 80-200	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

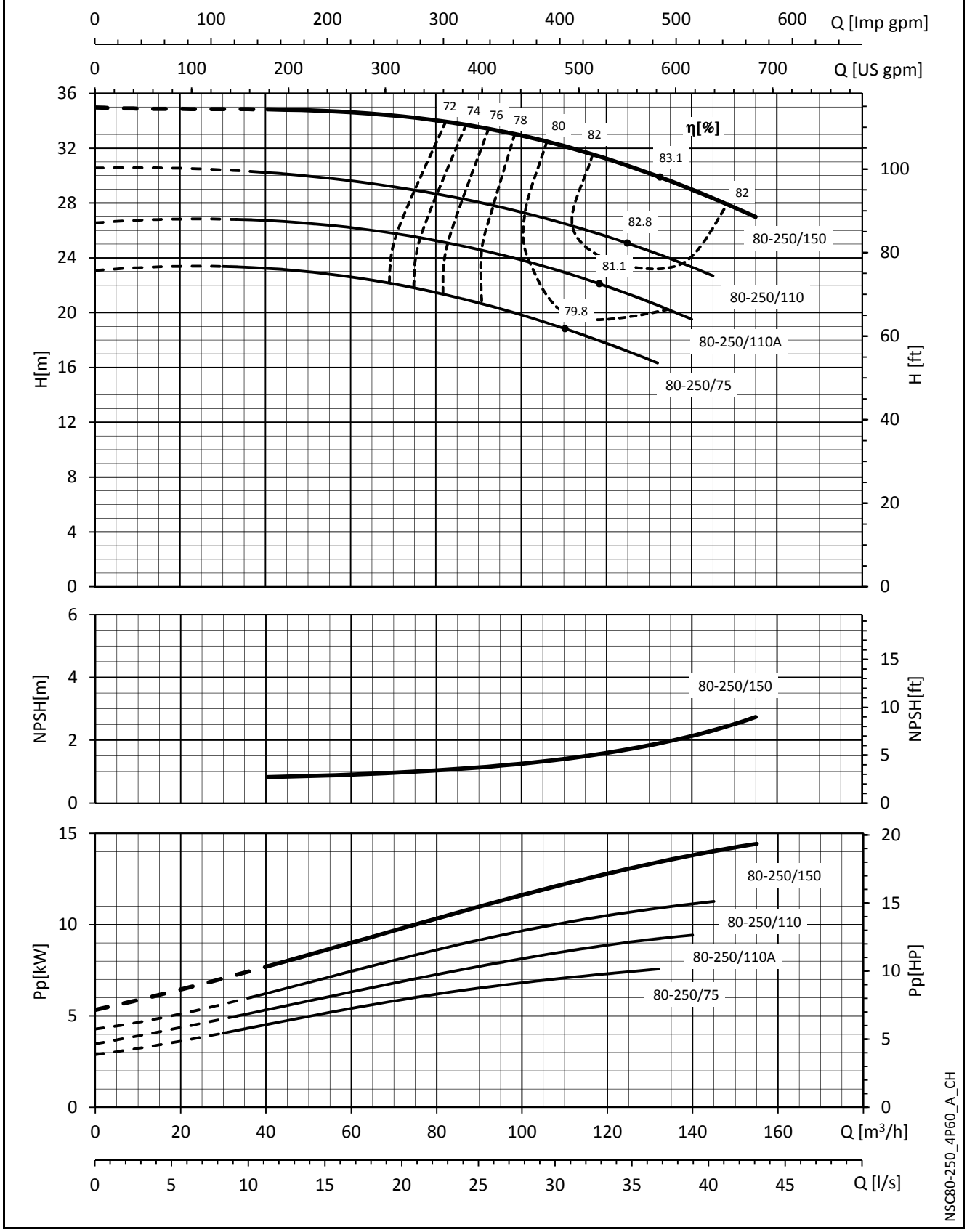


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 80-250	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

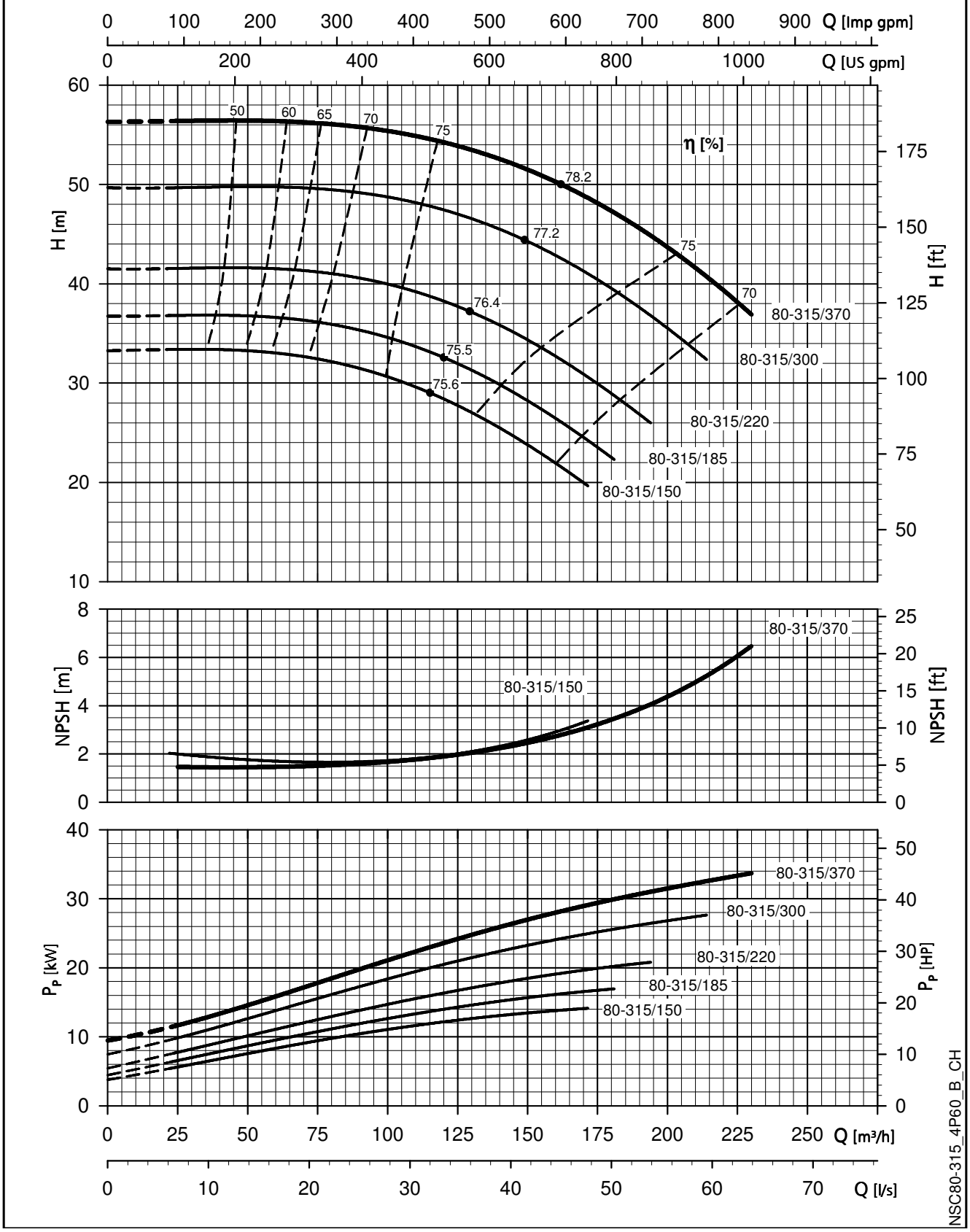


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 80-315	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

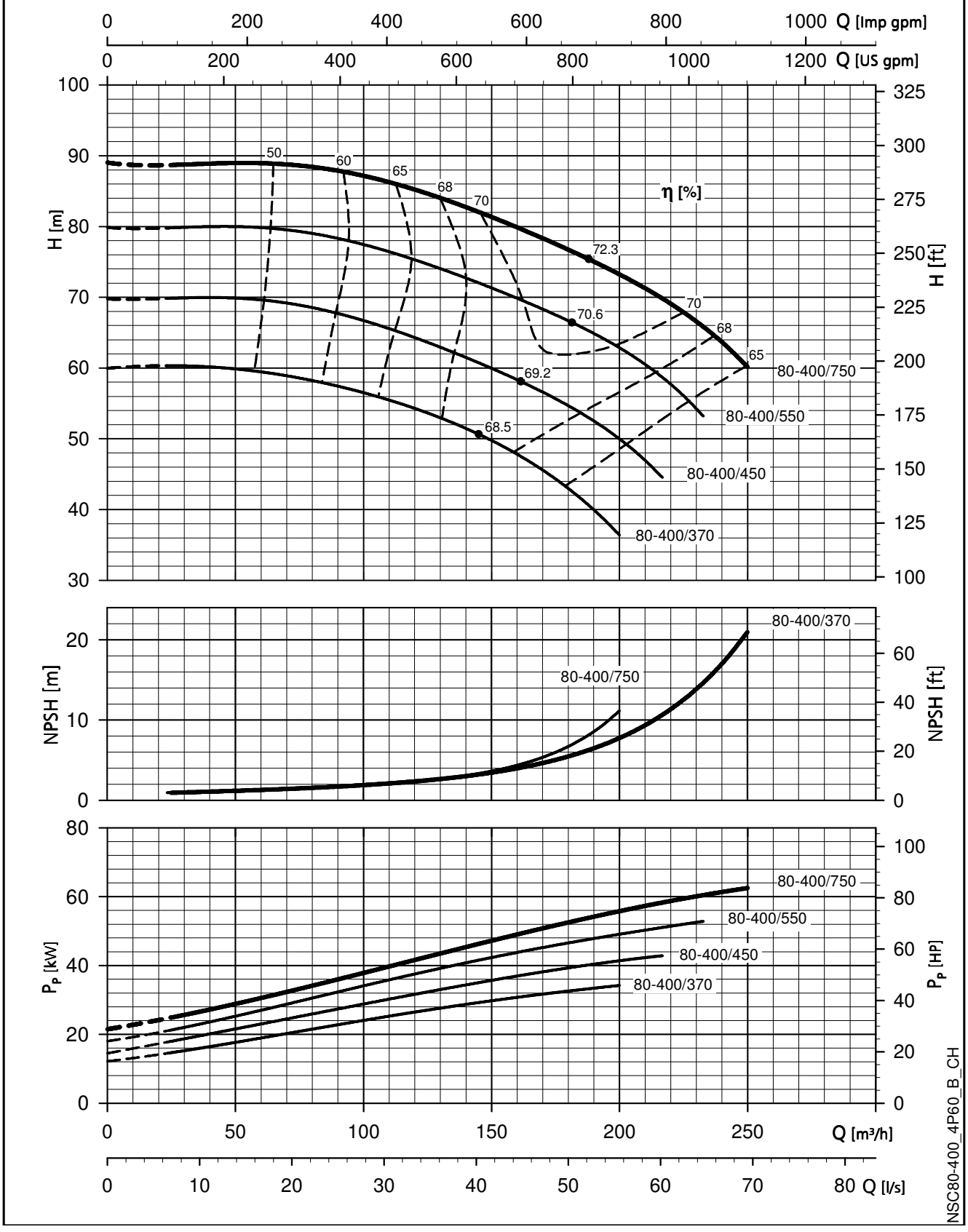


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 80-400	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

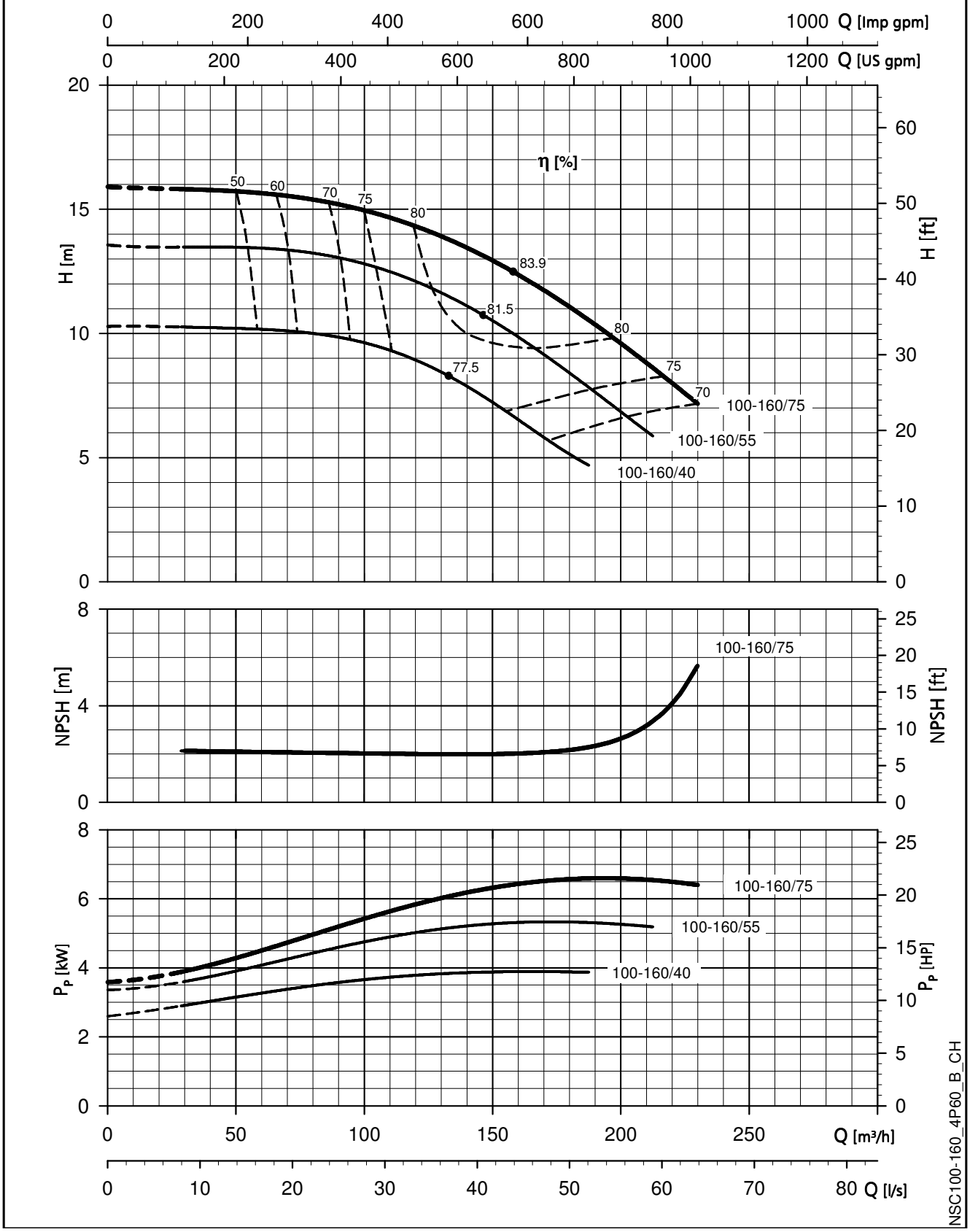


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1{,}0$ Kg/dm³ and kinematic viscosity $\nu = 1$ mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 100-160	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

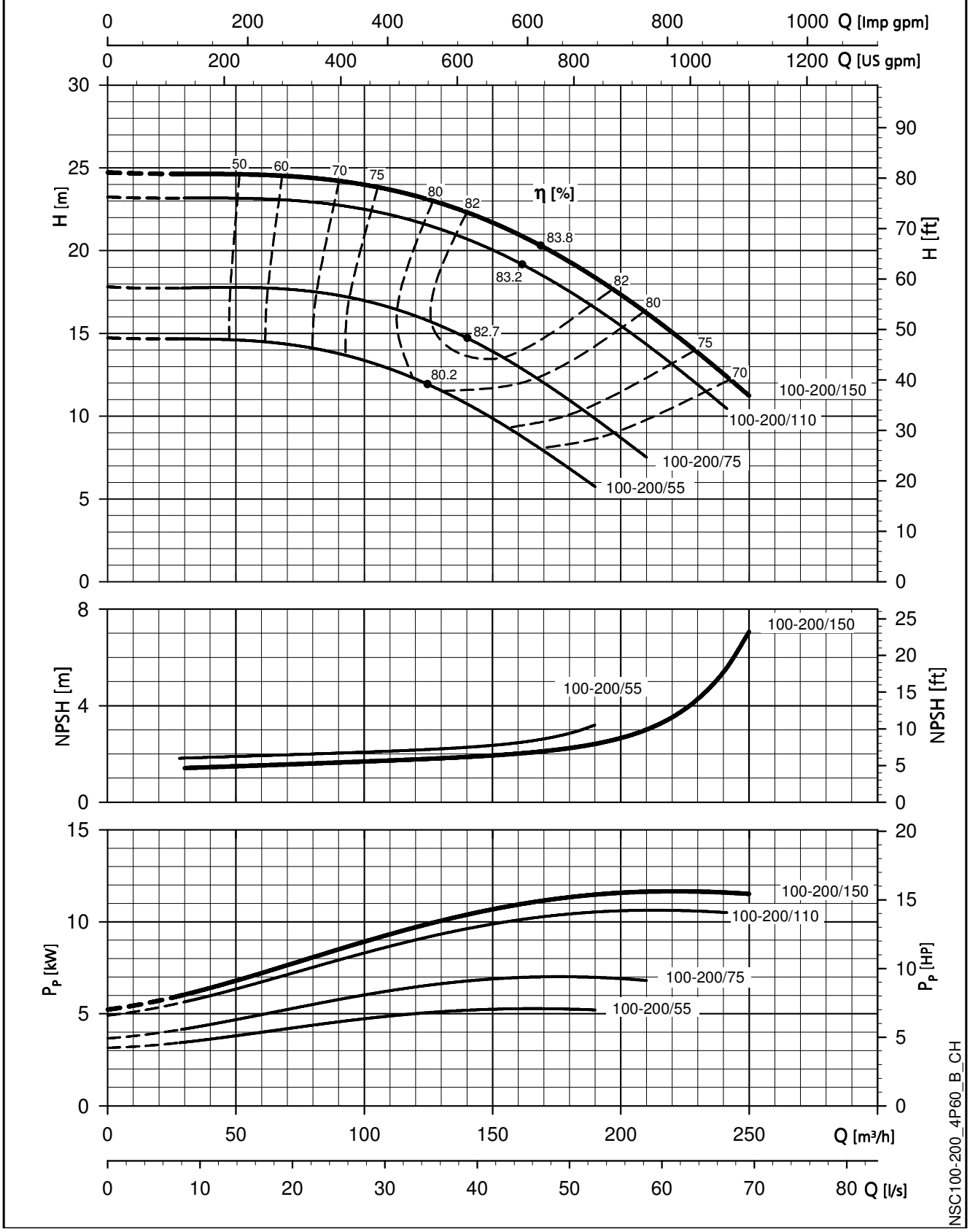


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 100-200	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

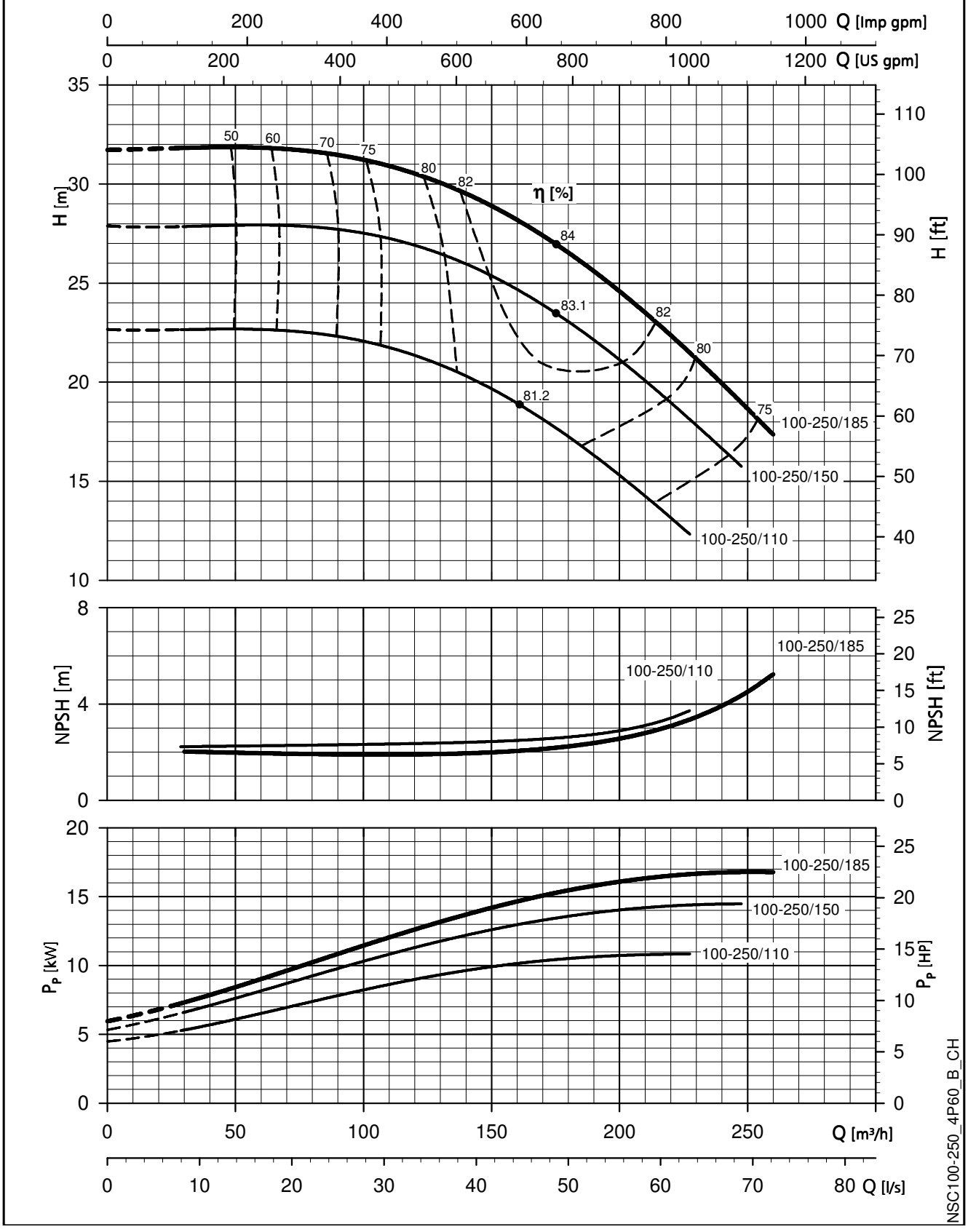


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 100-250	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

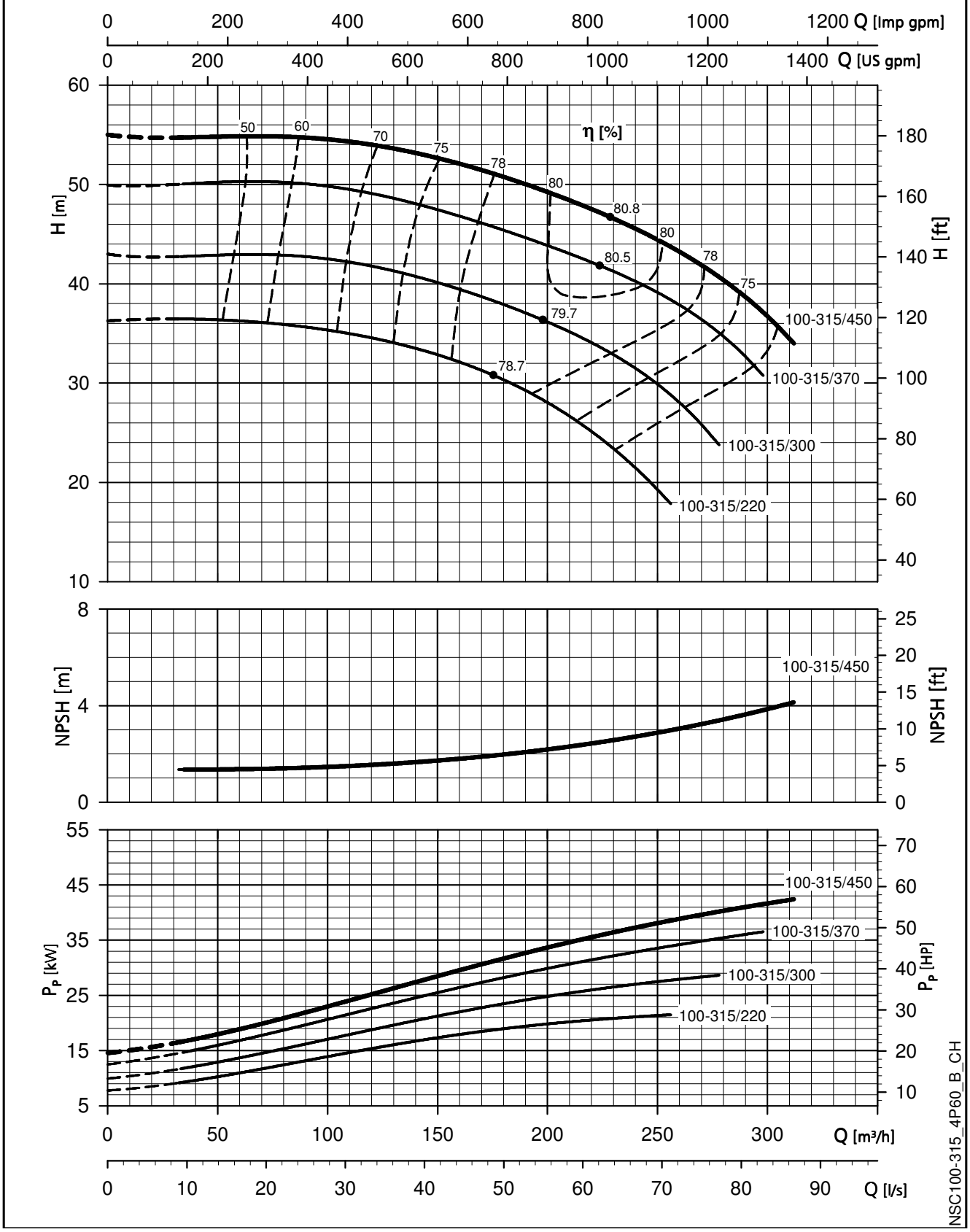


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 100-315	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

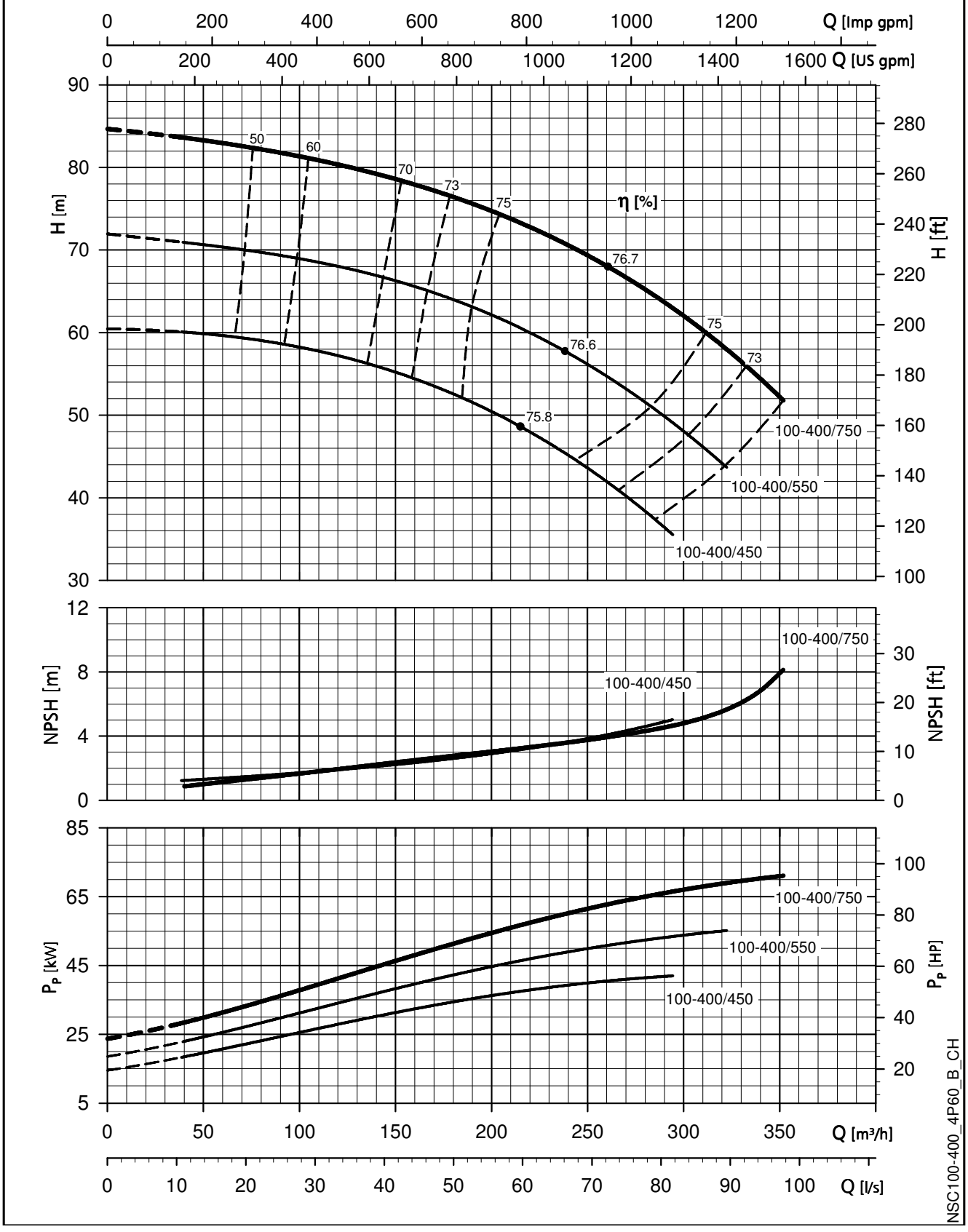


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0$ Kg/dm³ and kinematic viscosity $\nu = 1$ mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 100-400	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

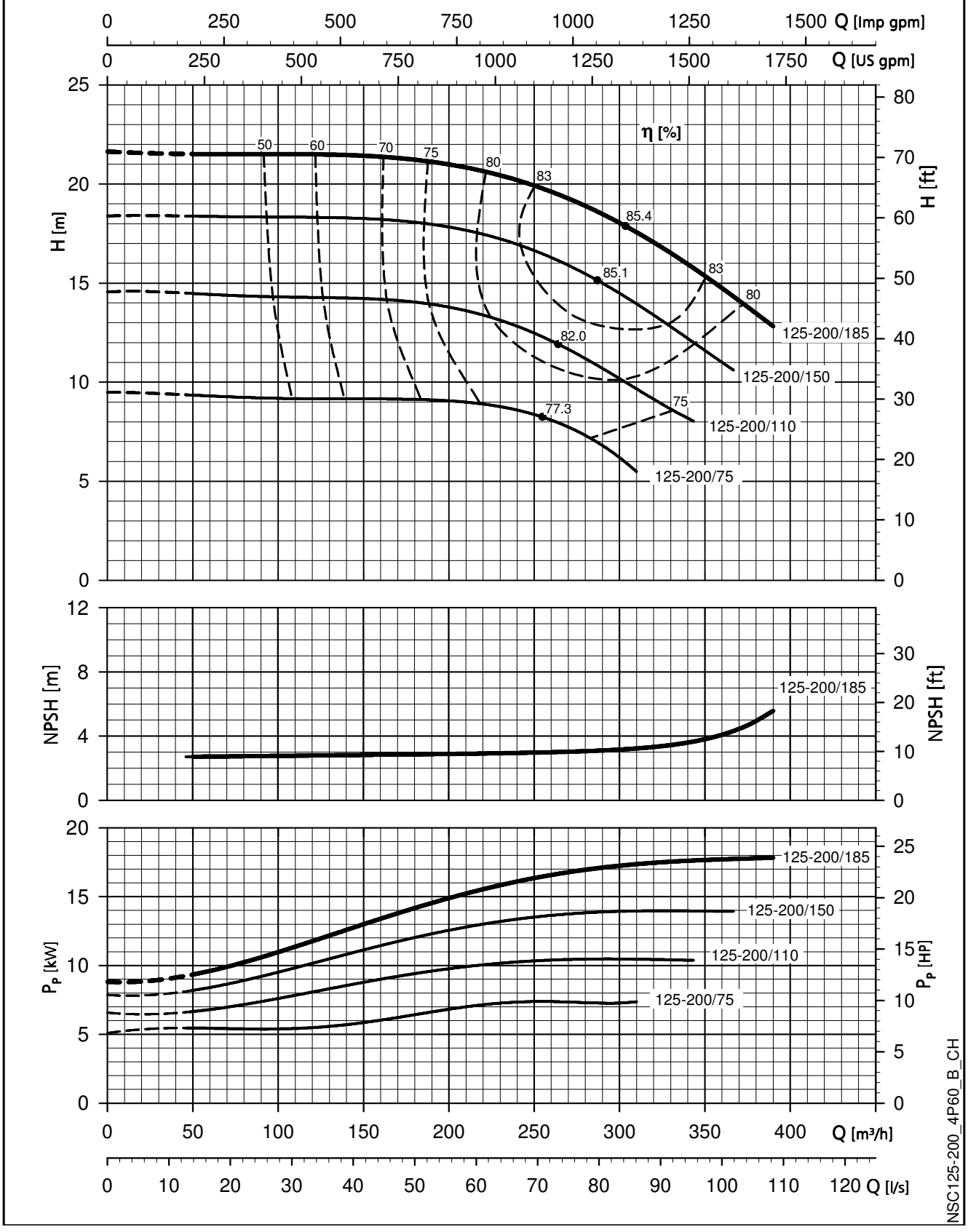


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 125-200	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

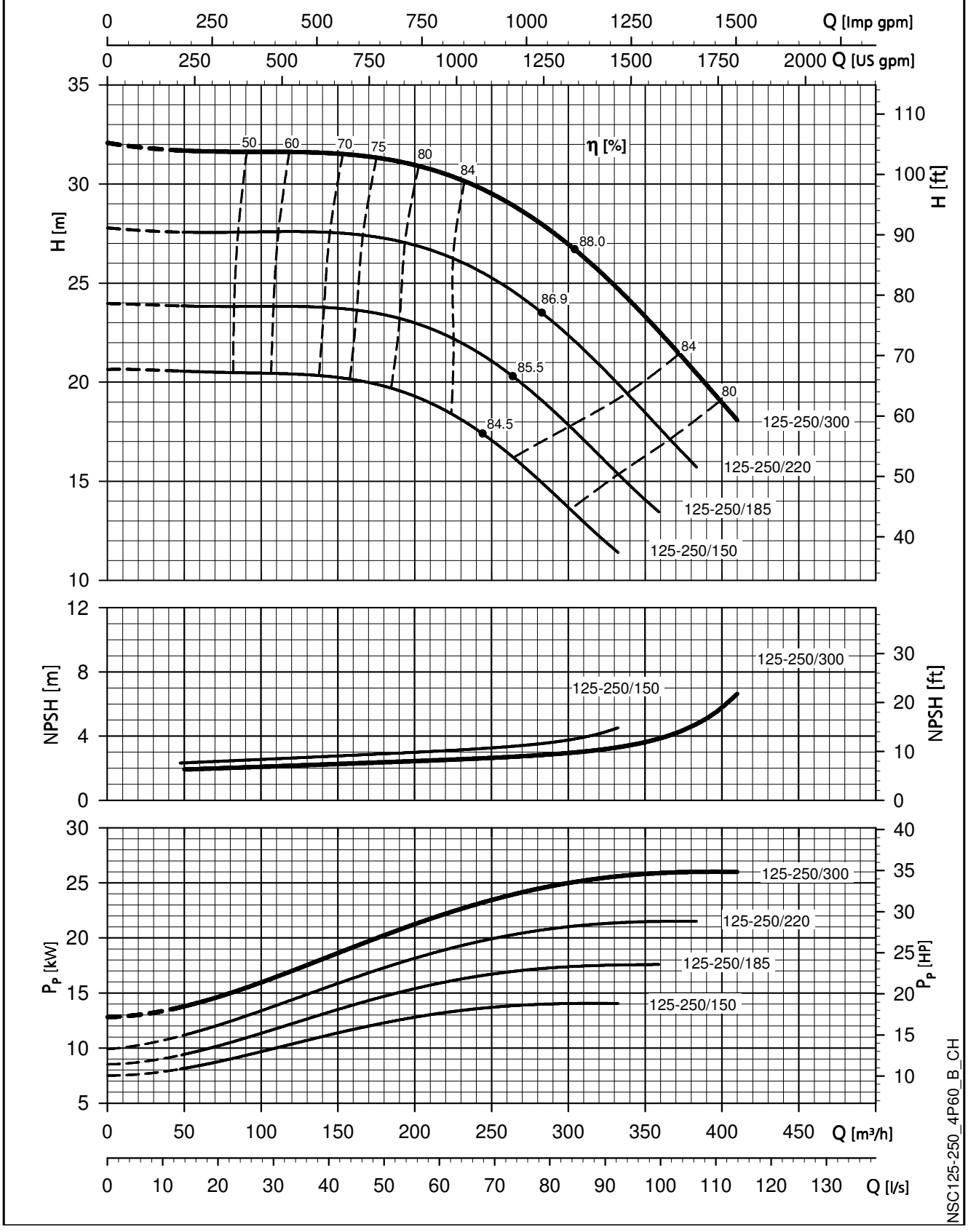


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 125-250	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

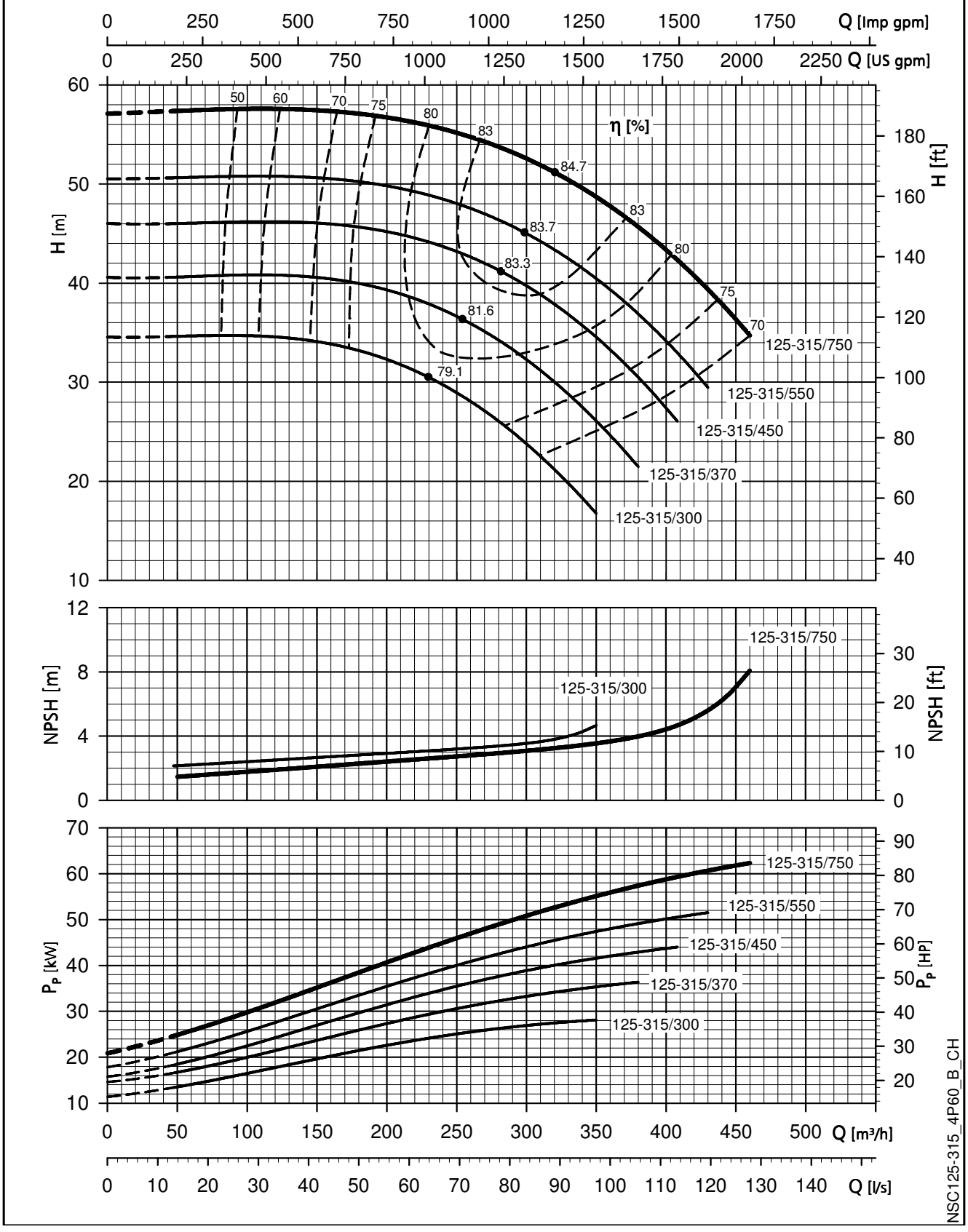


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 125-315	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

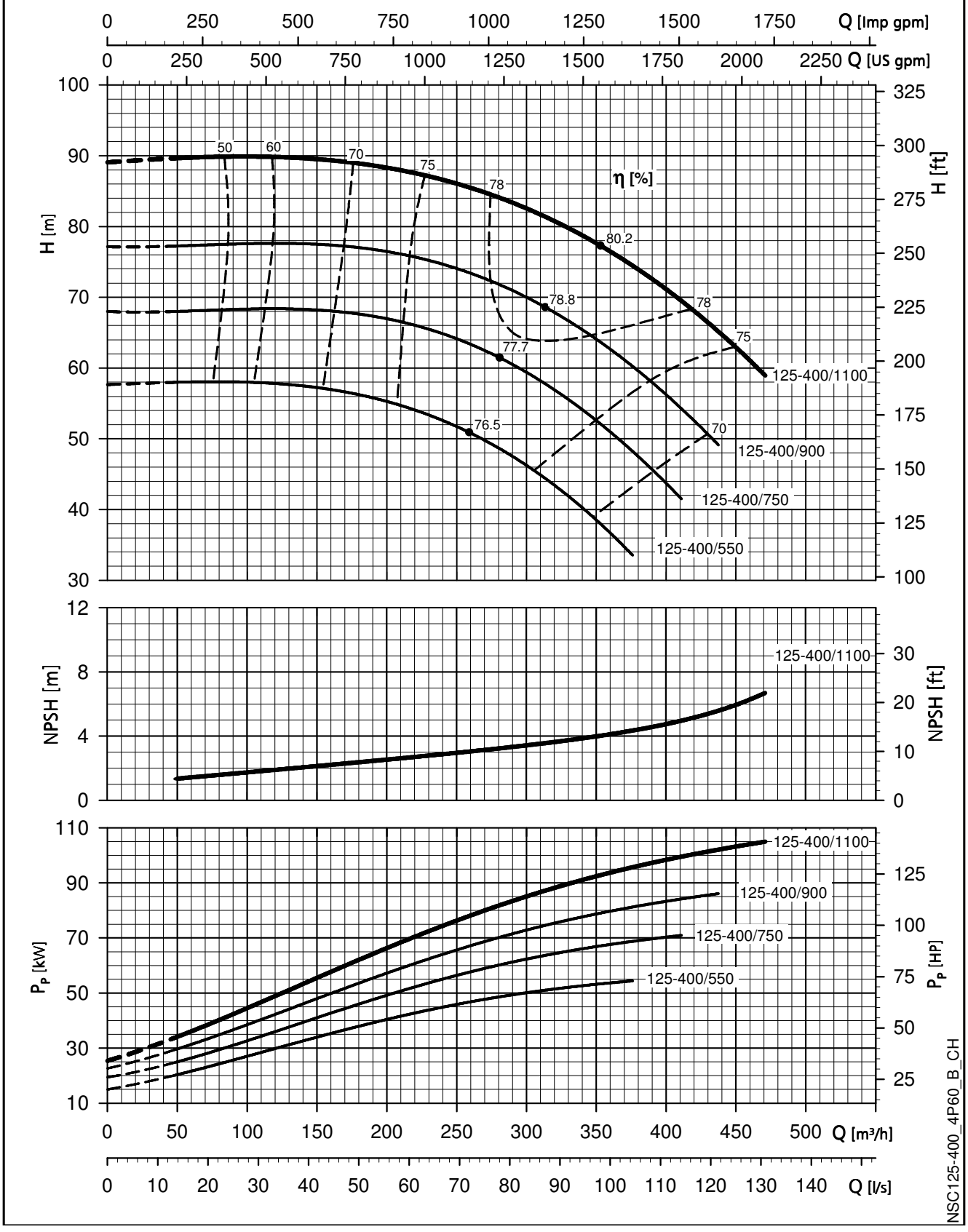


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 125-400	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

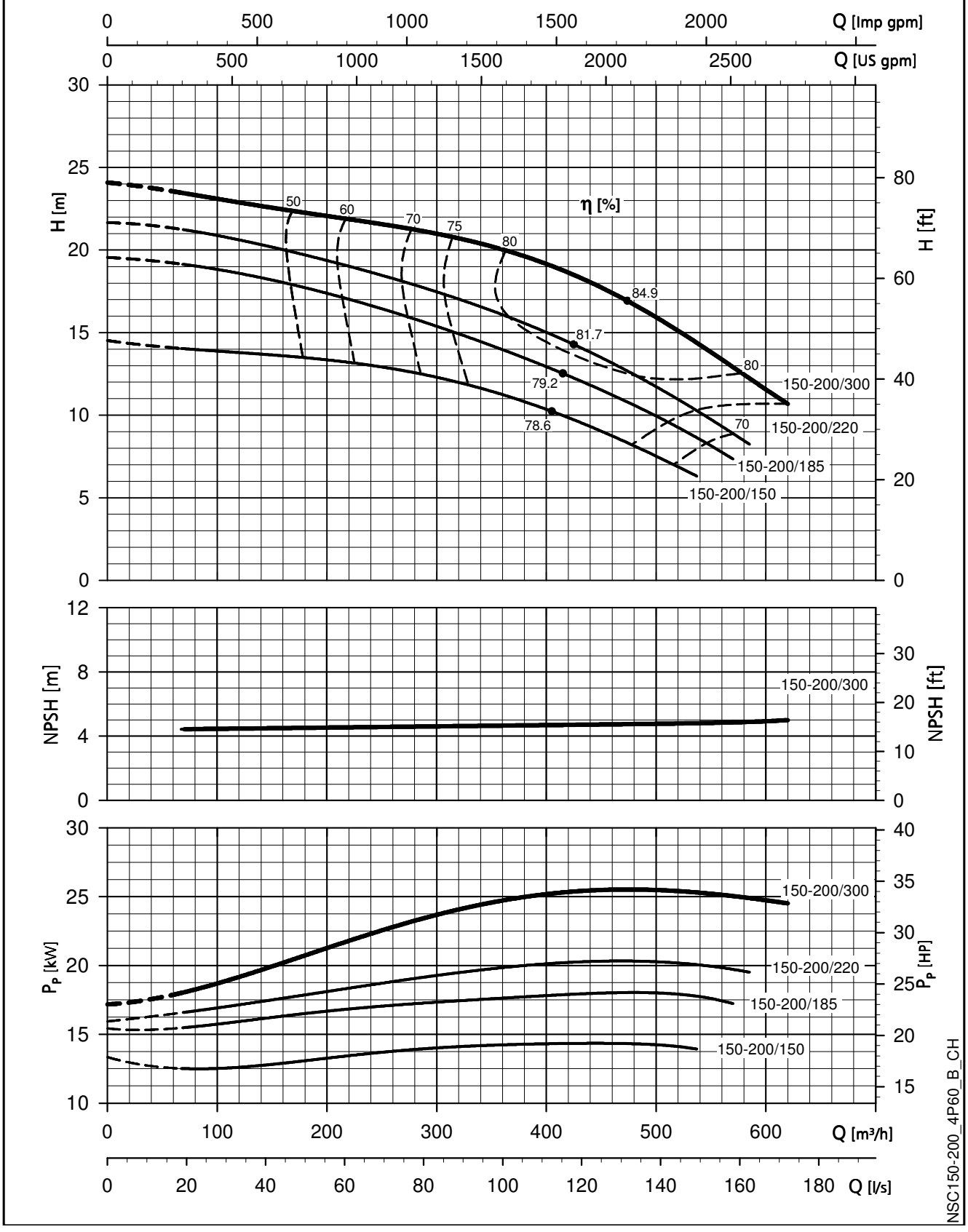


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 150-200	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

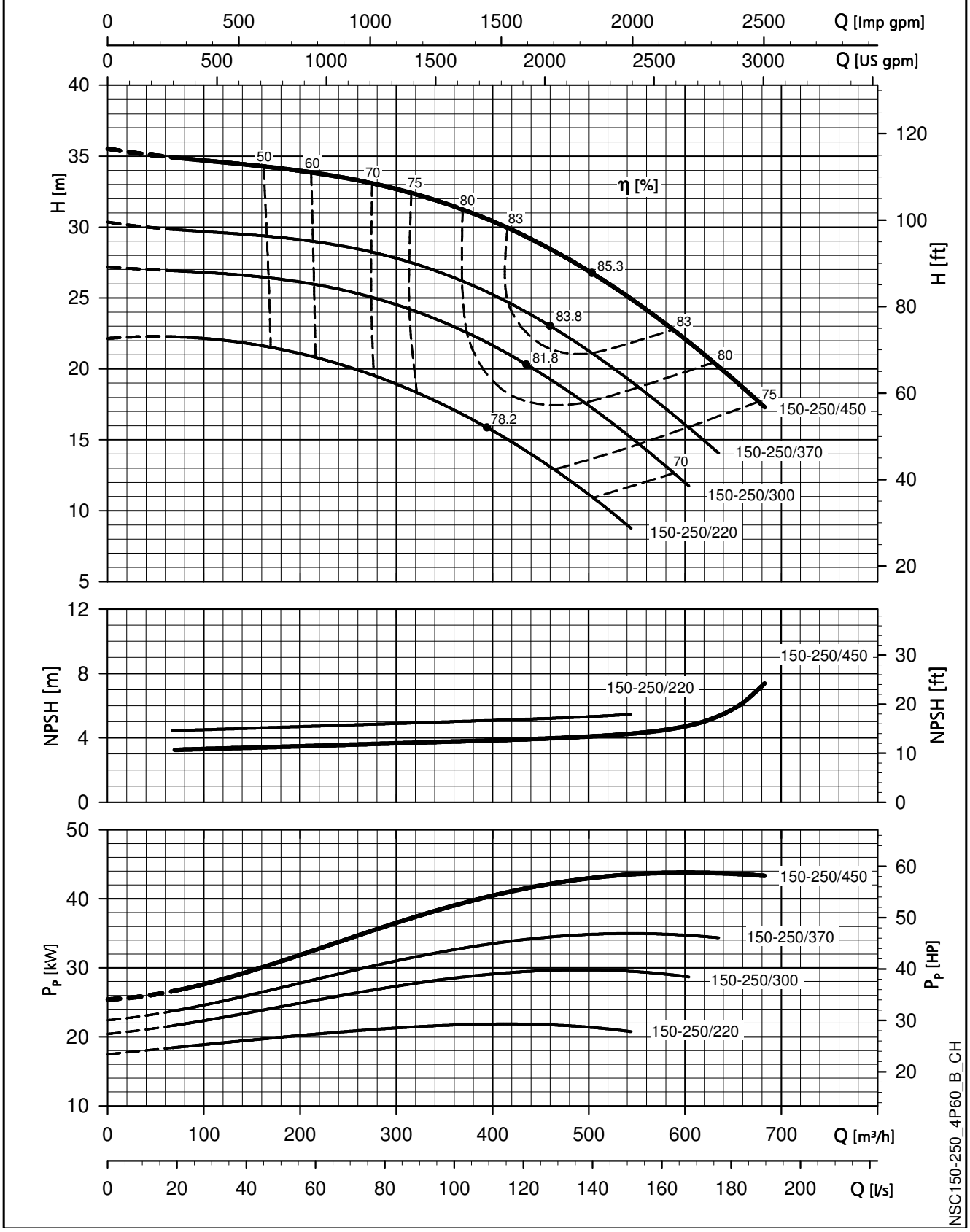


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 150-250	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

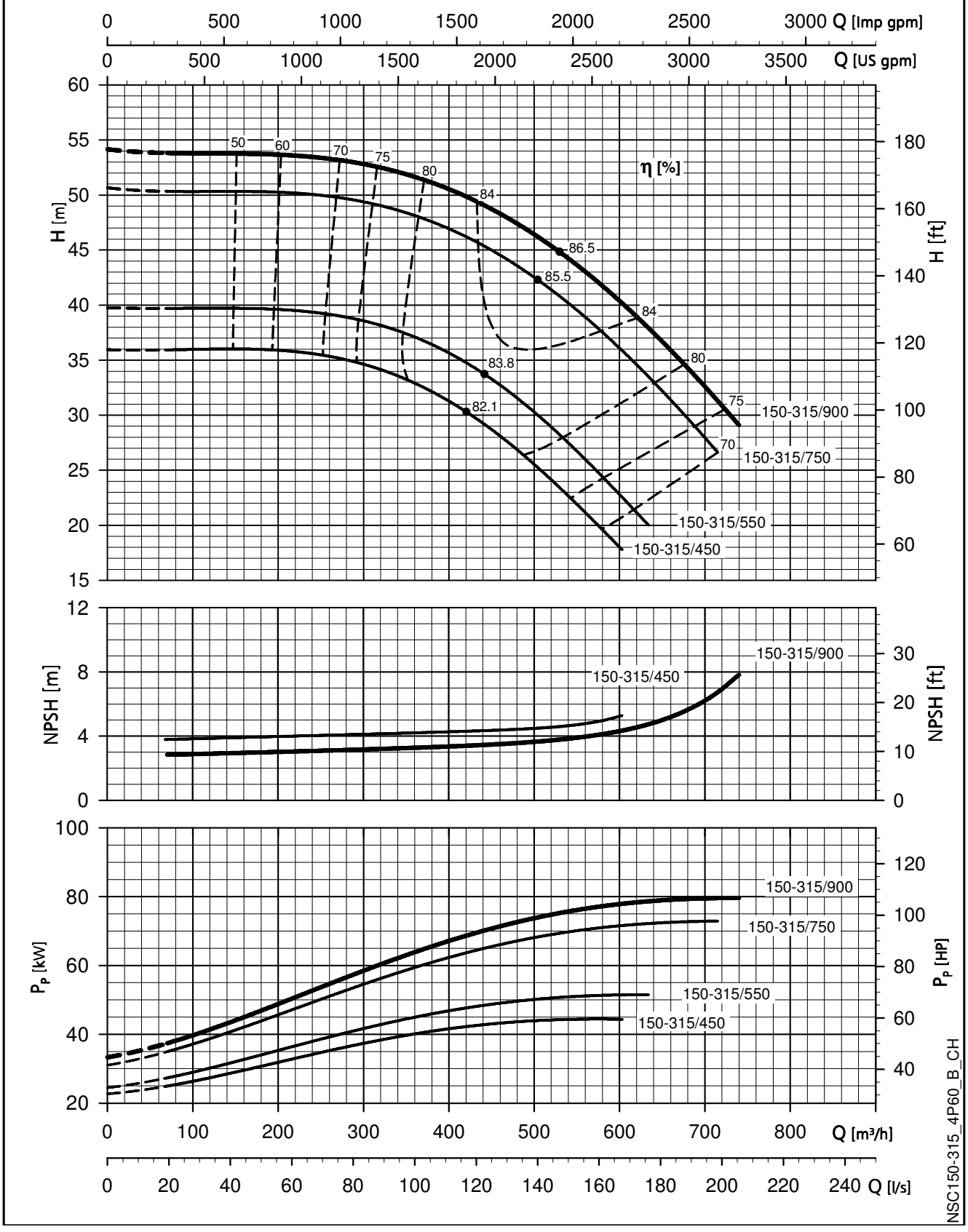


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 150-315	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

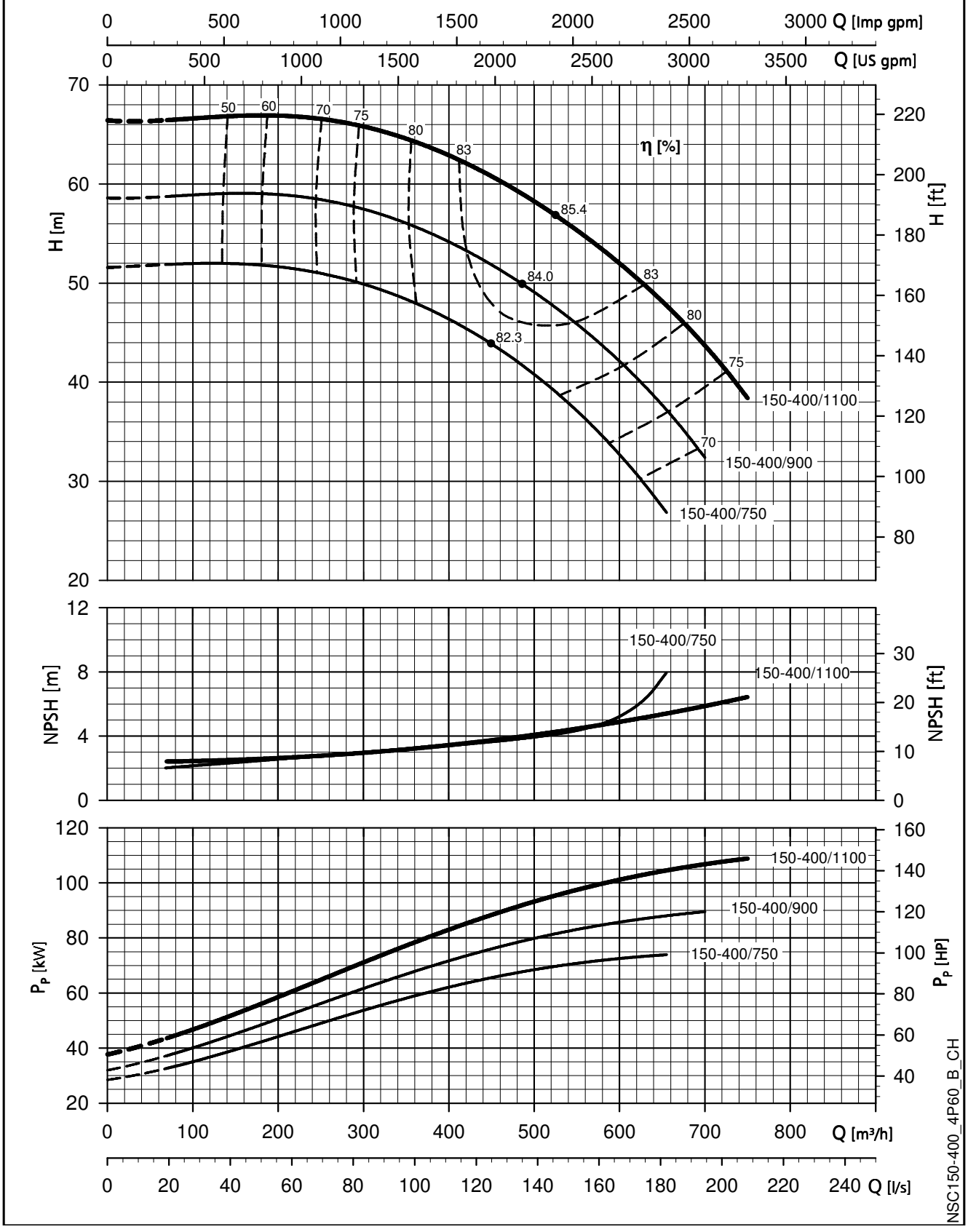


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1{,}0$ Kg/dm³ and kinematic viscosity $\nu = 1$ mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 150-400	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

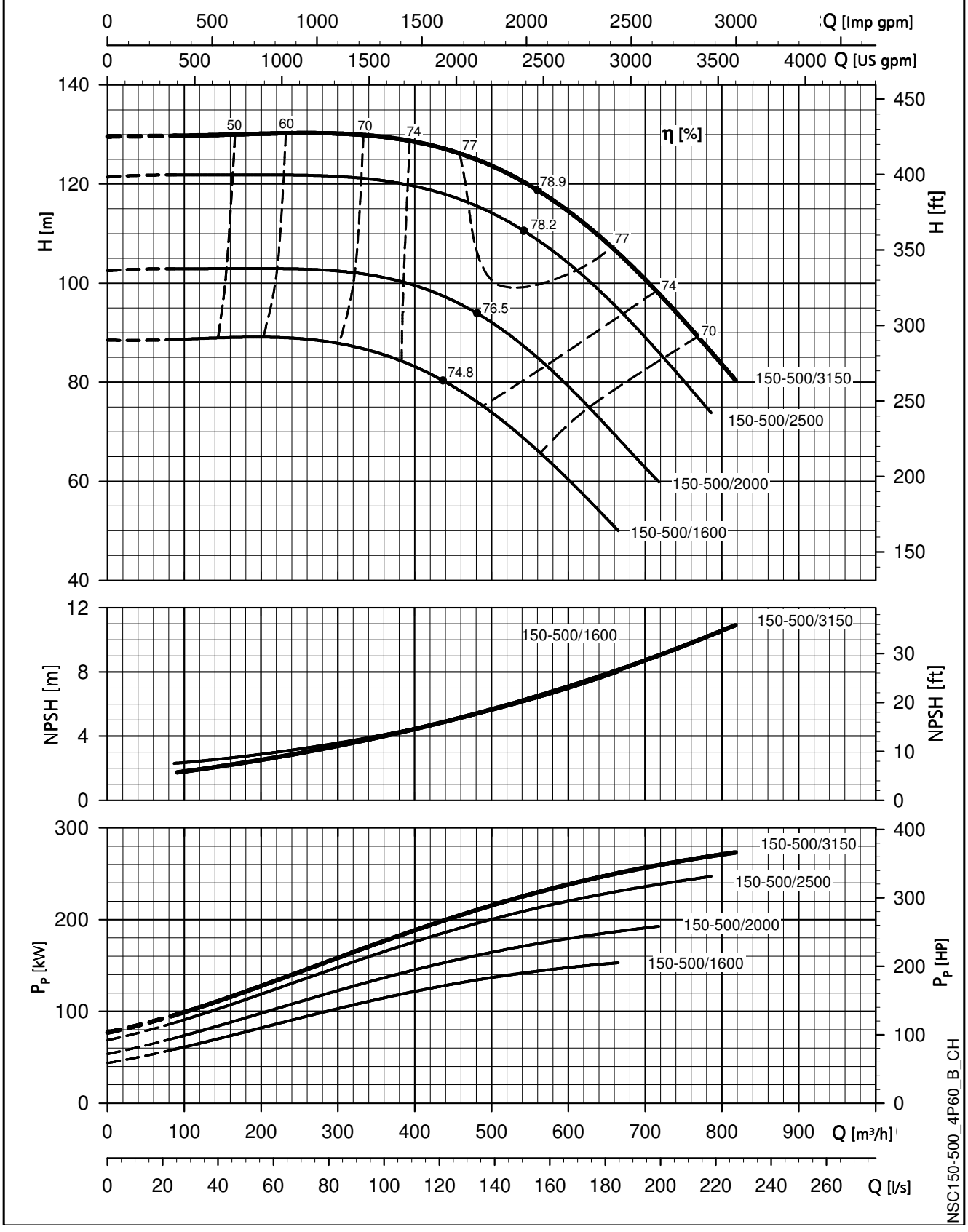


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1{,}0$ Kg/dm³ and kinematic viscosity $\nu = 1$ mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 150-500	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

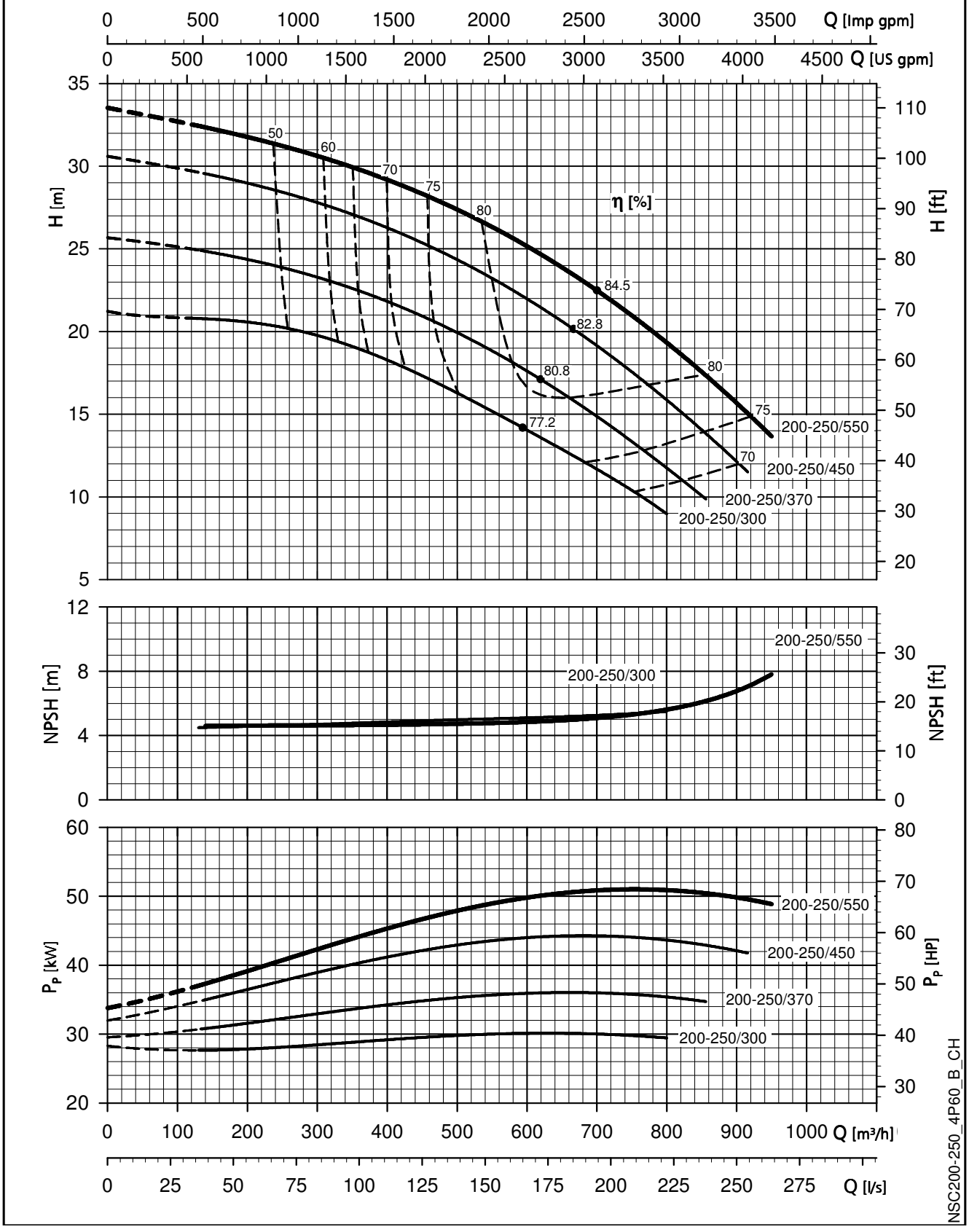


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 200-250	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

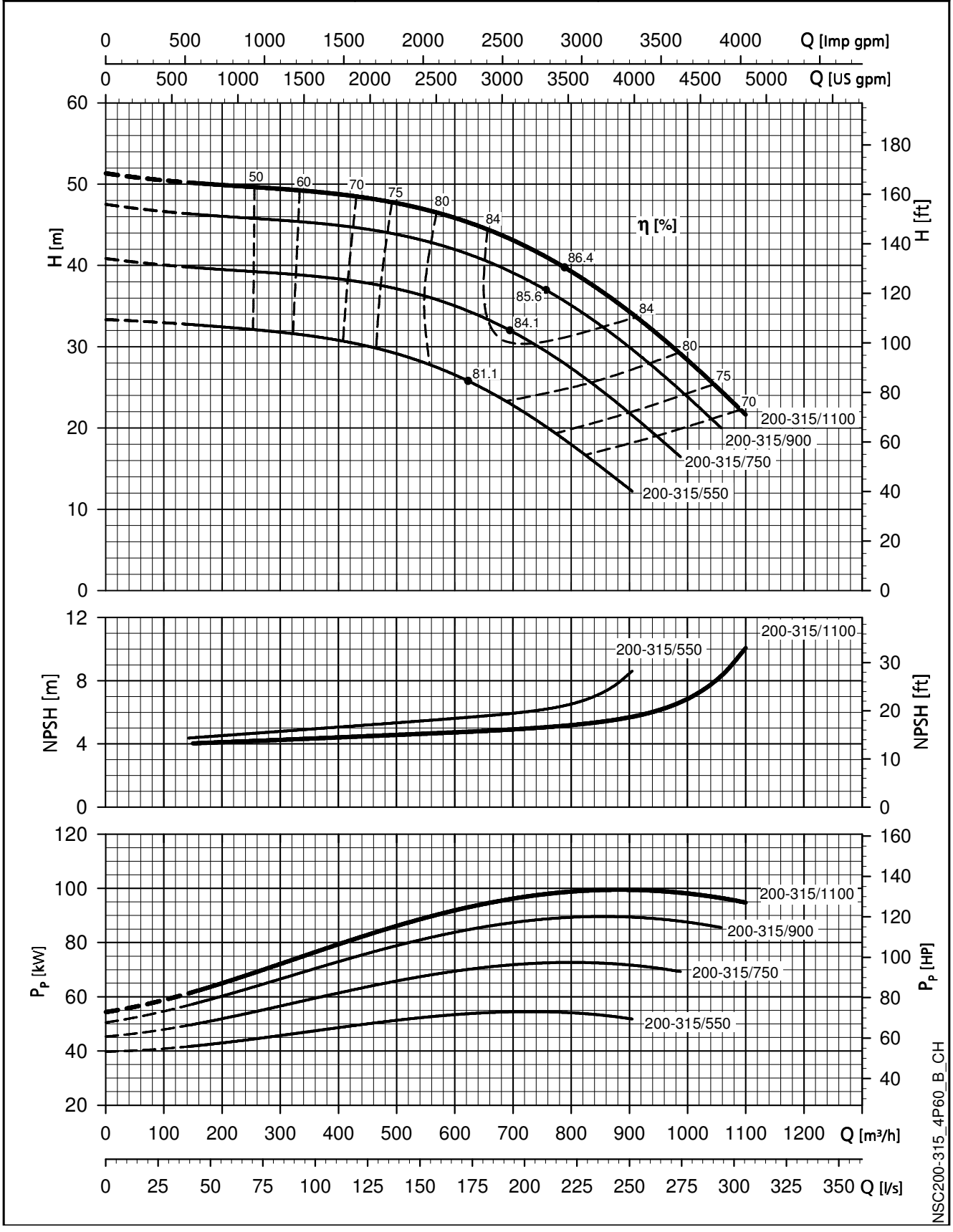


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

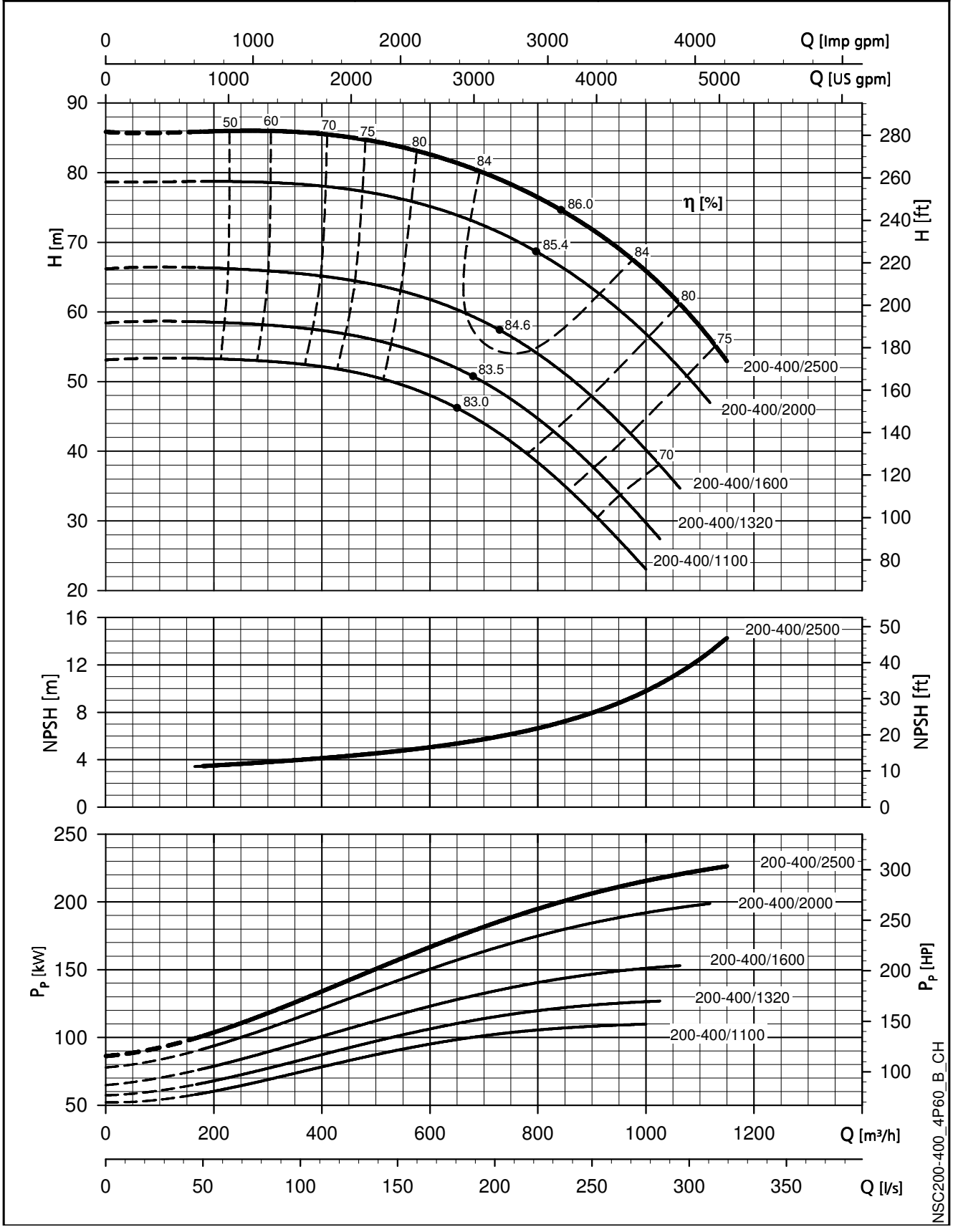
NSC 200-315	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 200-400	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

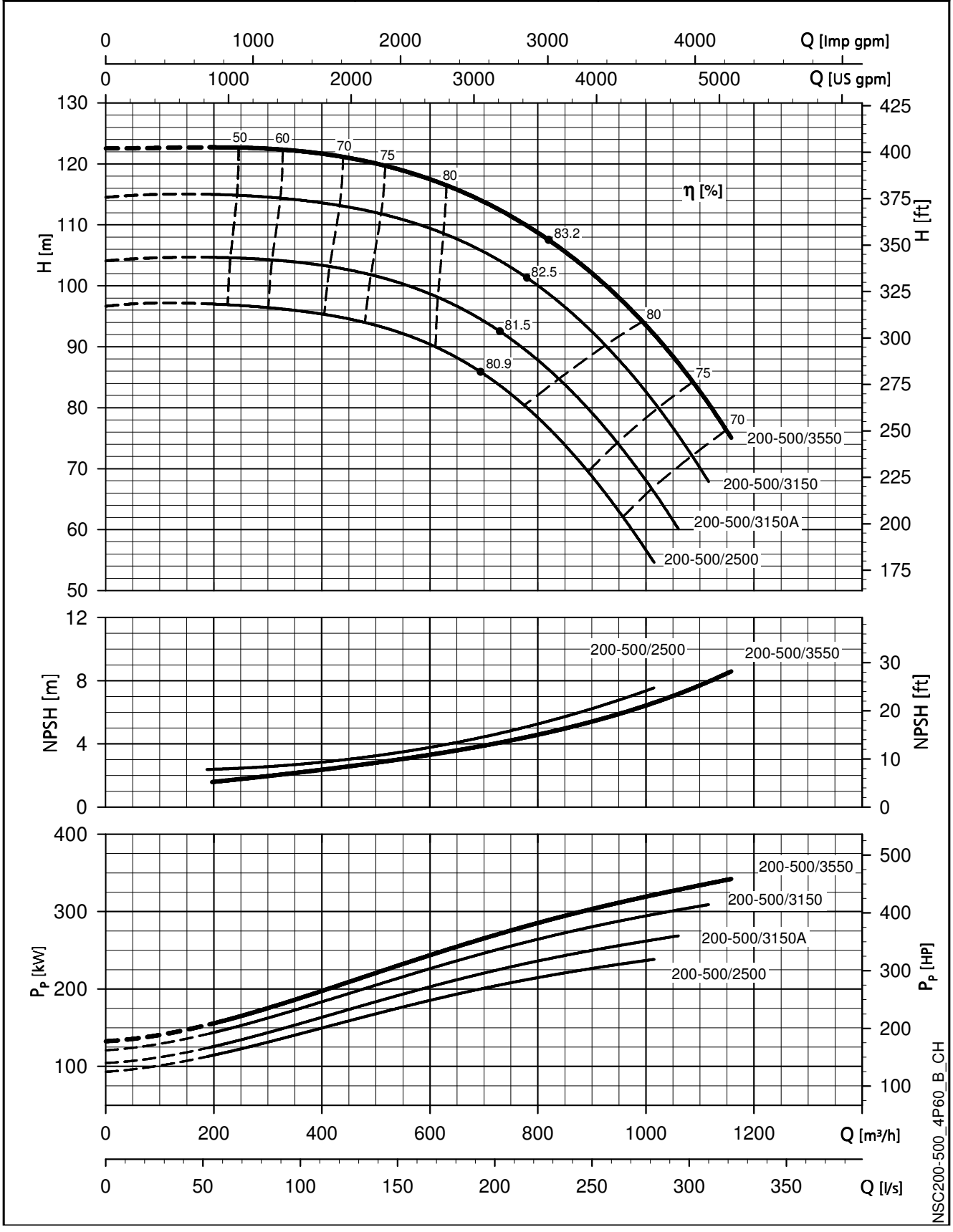


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 200-500	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

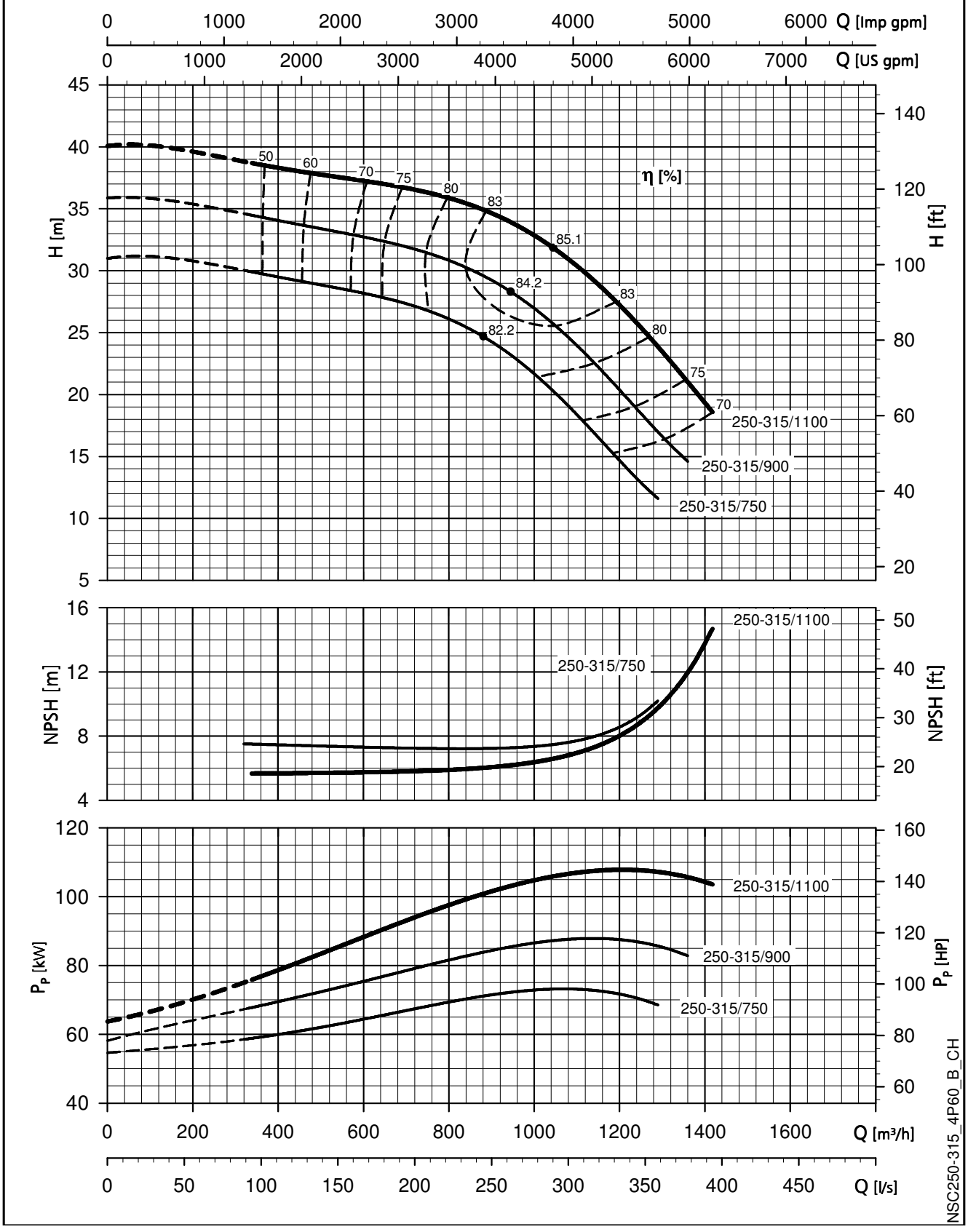


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 250-315	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

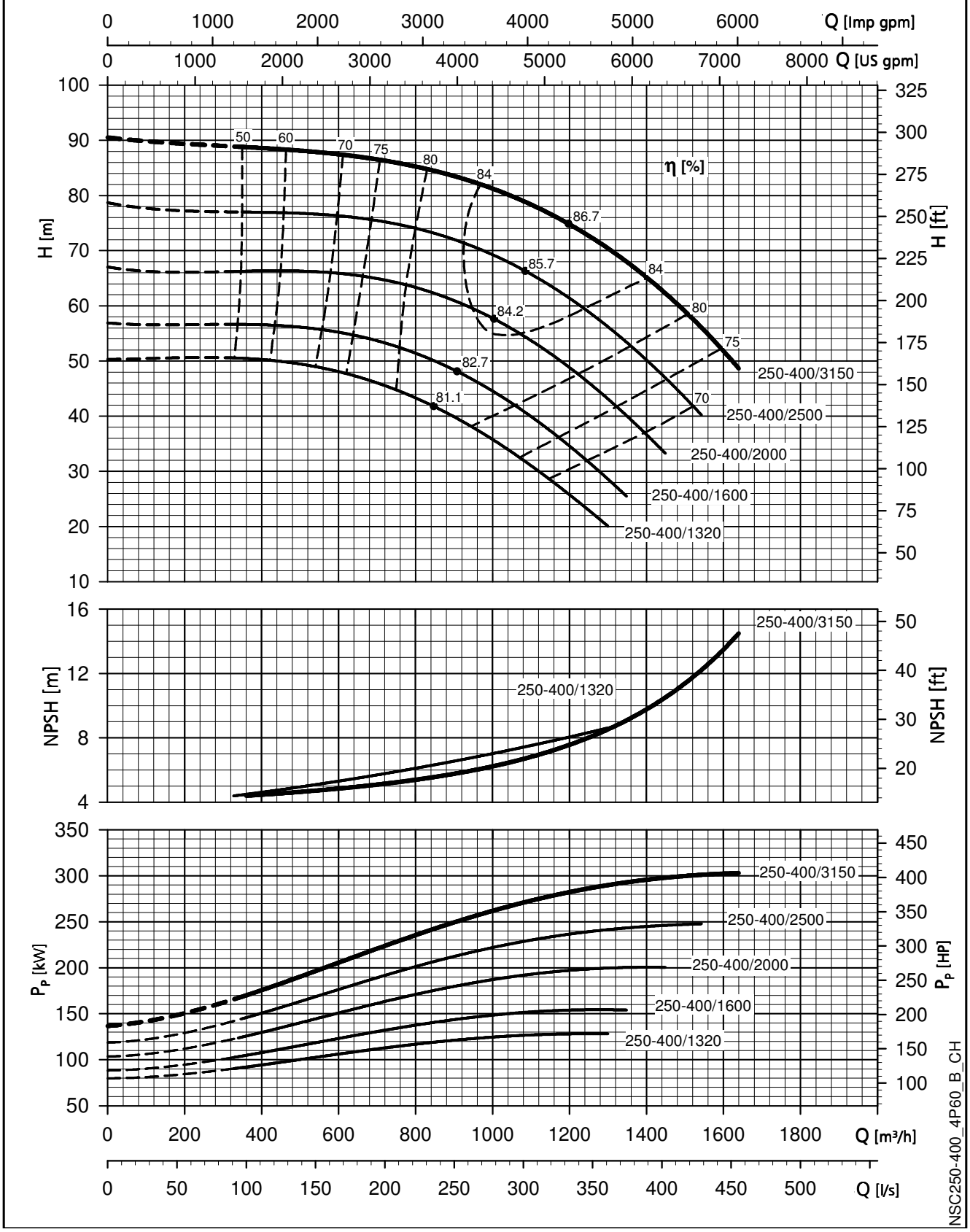


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 250-400	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

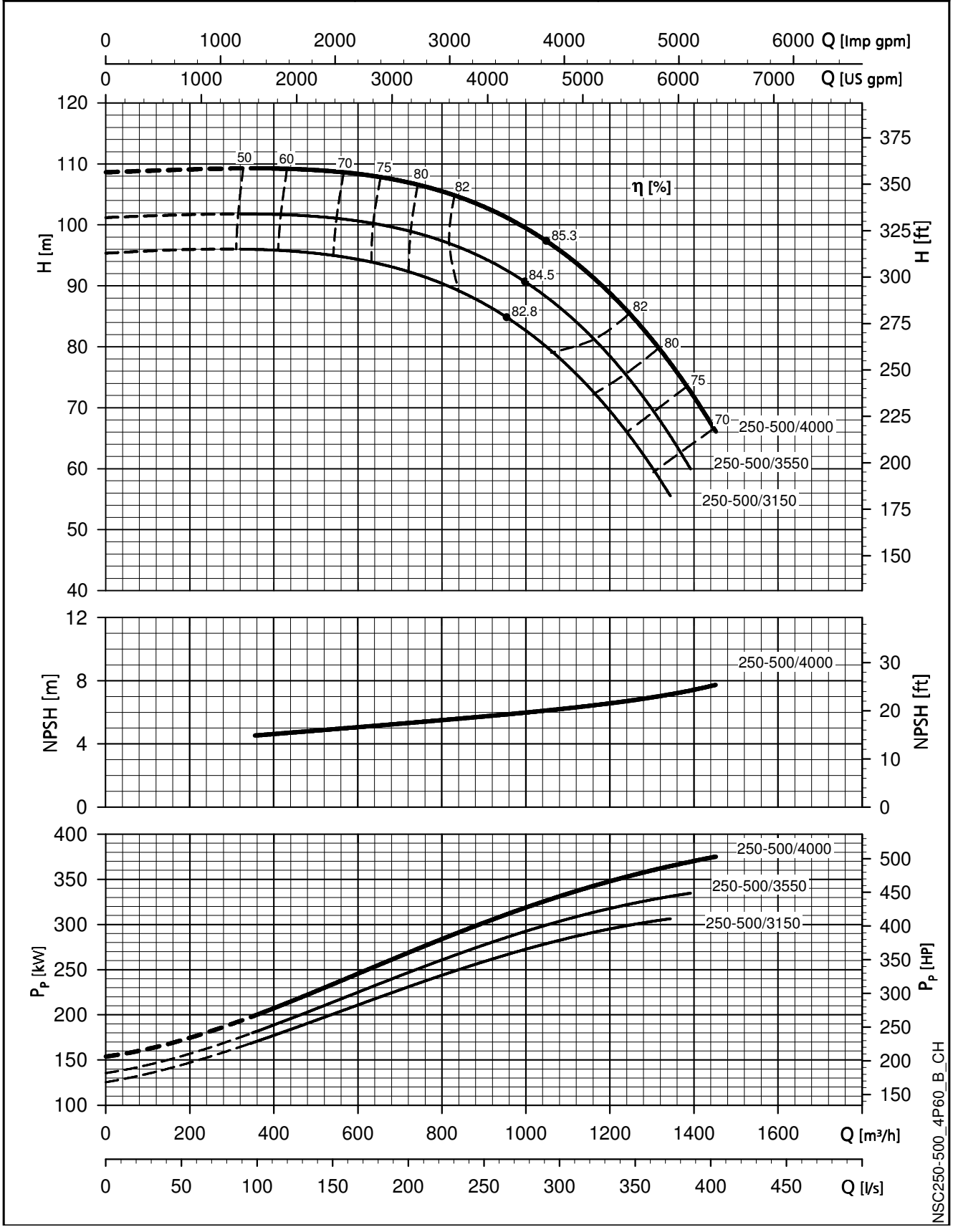


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 250-500	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

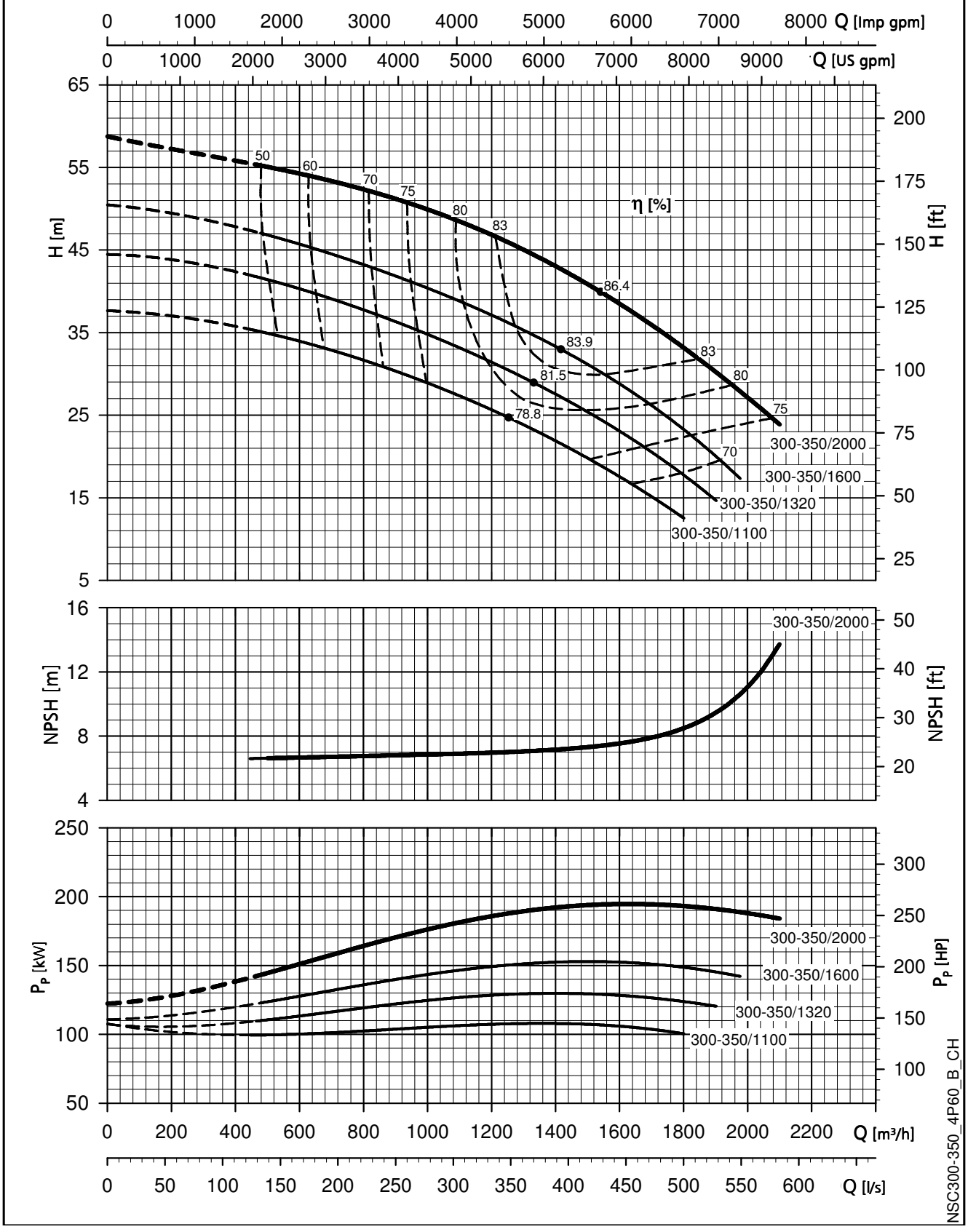


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 300-350	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B

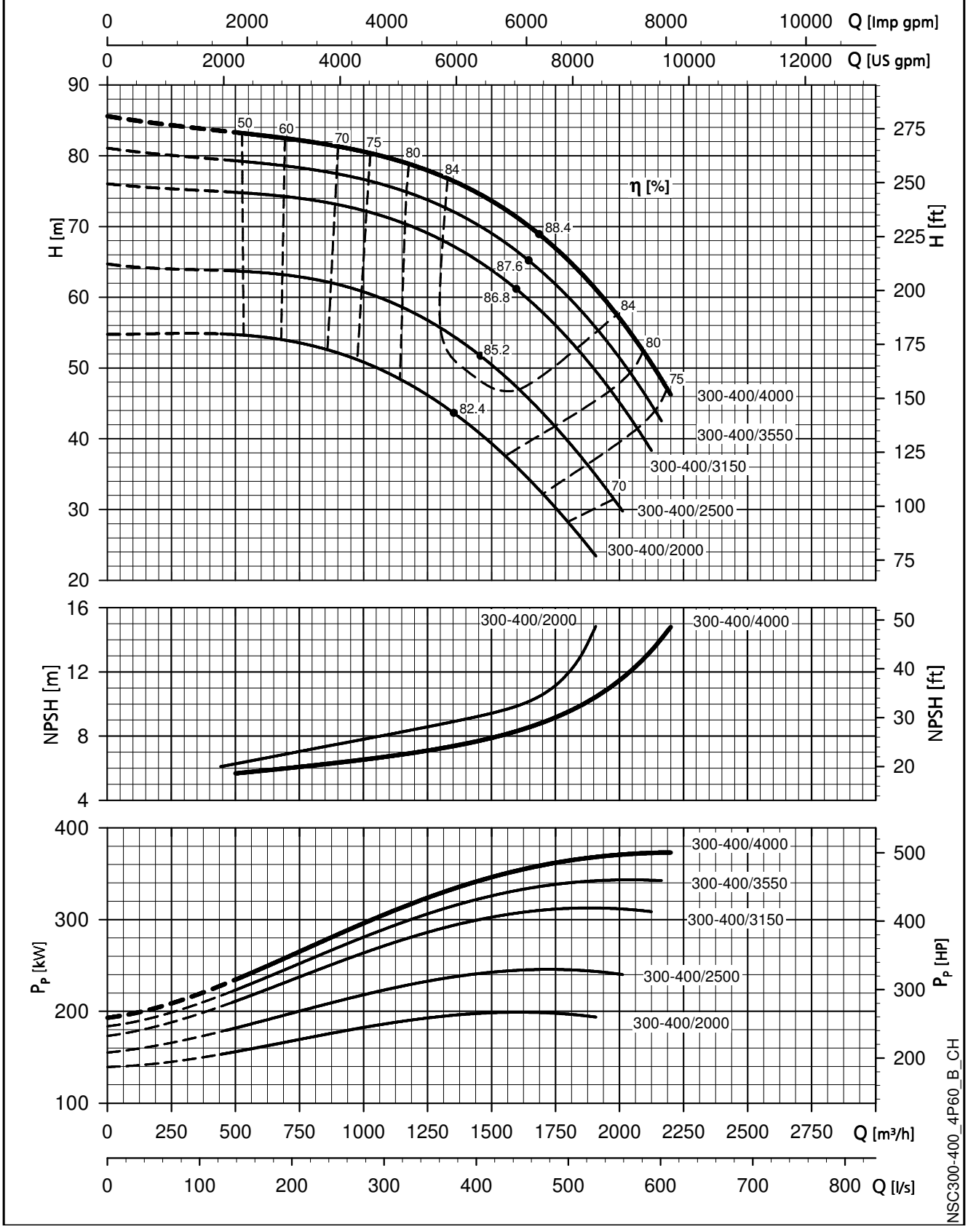


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0$ Kg/dm³ and kinematic viscosity $\nu = 1$ mm²/sec.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
OPERATING CHARACTERISTICS AT 60 Hz, 4 POLES

NSC 300-400	~ 1750 [rpm]	ISO 9906:2012 - Grade 3B



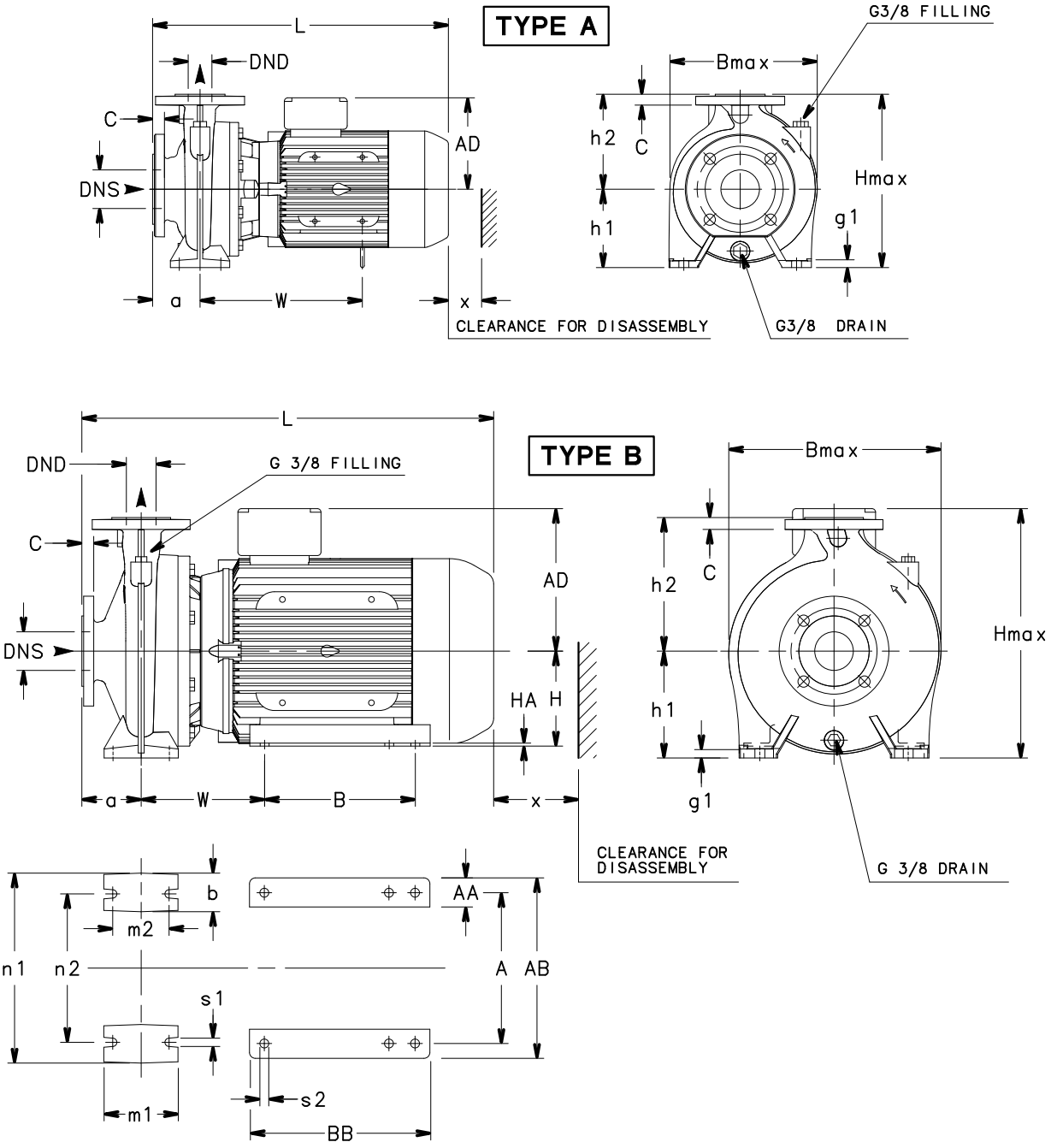
The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density ρ = 1,0 Kg/dm³ and kinematic viscosity ν = 1 mm²/sec.

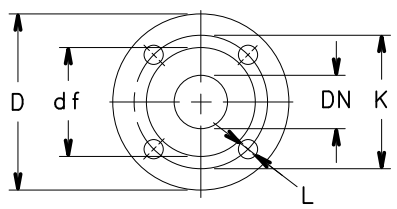
GOULDS WATER TECHNOLOGY
a xylem brand

DIMENSIONS AND WEIGHTS

GOULDS WATER TECHNOLOGY
a xylem brand

NSCE 32, 40, 50 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES





FLANGES

EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
32	140	100	18	76	4x19	1 1/4	140	89	18	63.5	4x19
40	150	110	18	84	4x19	1 1/2	150	98.5	18	73	4x19
50	165	125	20	99	4x19	2	165	120.5	20	92	4x19
65	185	145	20	118	4x19	2 1/2	185	139.5	20	105	4x19

*)...VALUE "C" AND "D" MAY VARY FROM STANDARD.

A0008-EN_B_DD

GOULDS WATER TECHNOLOGY
a xylem brand

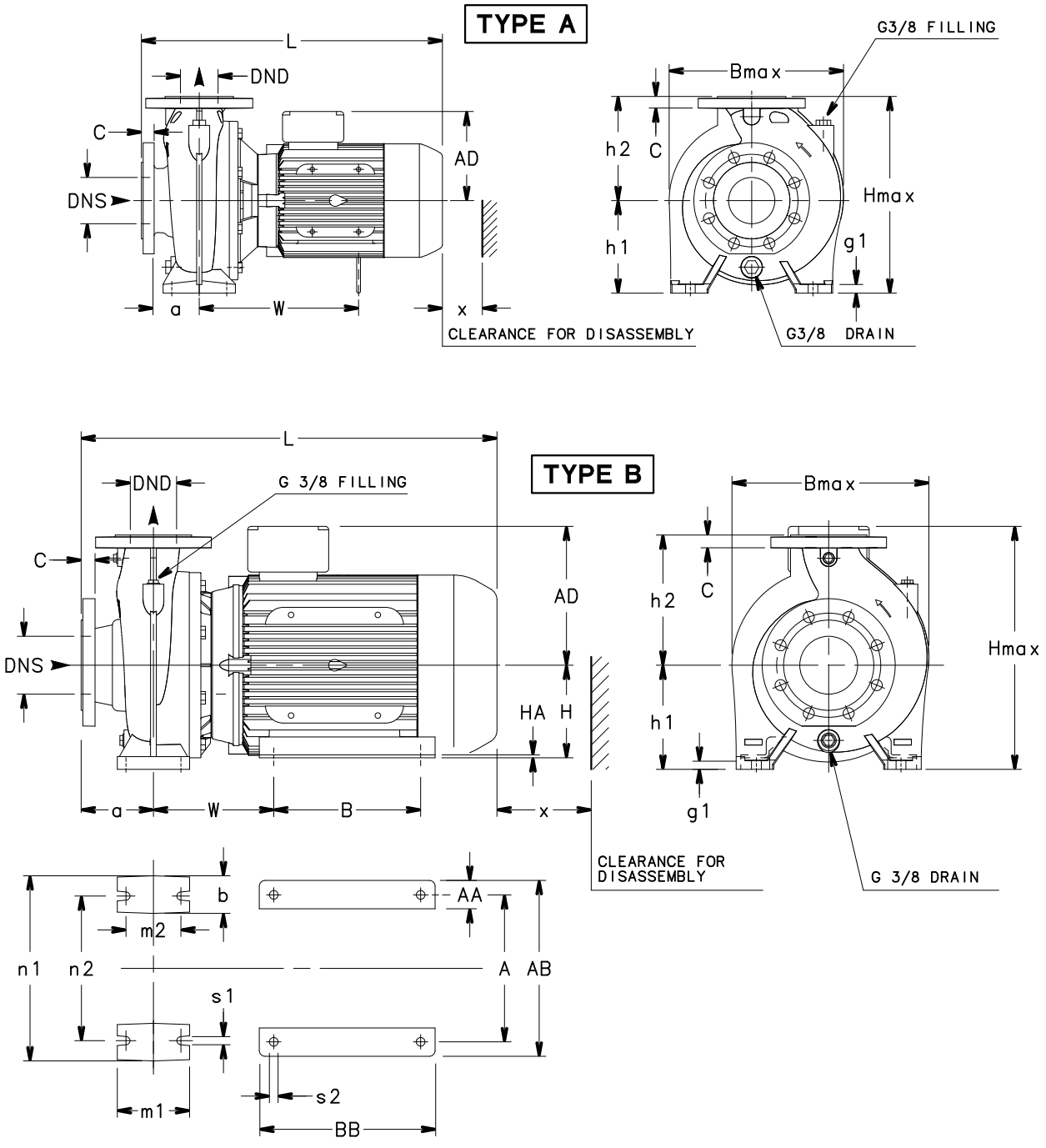
NSCE 32, 40, 50 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES

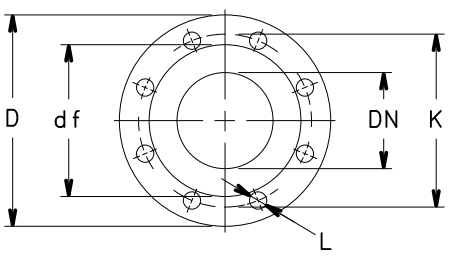
PUMP TYPE NSCE..2	TYPE	DIMENSIONS (mm																										WEIGHT
		PUMP													MOTOR										B	H	L	x	
		DNS	DND	a	b	g1	h1	h2	m1	m2	n1	n2	s1	W	A	AA	AB	AD	B	BB	H	HA	s2	max	max			kg
32-125/15/S	A	50	32	80	50	14	112	140	100	70	190	140	14	235	-	-	-	129	-	-	-	-	-	242	252	443	86	33
32-125/22/P	A	50	32	80	50	14	112	140	100	70	190	140	14	245	-	-	-	134	-	-	-	-	-	242	252	478	86	40
32-125/30/P	A	50	32	80	50	14	112	140	100	70	190	140	14	245	-	-	-	134	-	-	-	-	-	242	252	478	86	41
32-125/40/P	A	50	32	80	50	14	112	140	100	70	190	140	14	273	-	-	-	154	-	-	-	-	-	242	266	499	86	46
32-125/55/P	A	50	32	80	50	14	112	140	100	70	190	140	14	285	-	-	-	168	-	-	-	-	-	242	280	533	86	55
32-160/40/P	A	50	32	80	50	14	132	160	100	70	240	190	14	273	-	-	-	154	-	-	-	-	-	248	292	499	86	47
32-160/55/P	A	50	32	80	50	14	132	160	100	70	240	190	14	285	-	-	-	168	-	-	-	-	-	248	300	533	86	56
32-160/75/P	A	50	32	80	50	14	132	160	100	70	240	190	14	305	-	-	-	191	-	-	-	-	-	256	323	547	86	75
32-160/92/P	A	50	32	80	50	14	132	160	100	70	240	190	14	343	-	-	-	191	-	-	-	-	-	256	323	585	86	81
32-200/75/P	A	50	32	80	50	14	160	180	100	70	240	190	14	305	-	-	-	191	-	-	-	-	-	286	351	547	86	78
32-200/92/P	A	50	32	80	50	14	160	180	100	70	240	190	14	343	-	-	-	191	-	-	-	-	-	286	351	585	86	84
32-200/110/P	A	50	32	80	50	14	160	180	100	70	240	190	14	343	-	-	-	191	-	-	-	-	-	286	351	585	86	87
32-250/110/P	B	50	32	100	65	16	180	225	125	95	320	250	14	343	-	-	-	191	-	-	-	-	-	343	405	605	95	105
32-250/150/P	B	50	32	100	65	16	180	225	125	95	320	250	14	208	254	49	304	240	210	304	160	5	15	343	420	694	95	145
32-250/185/P	B	50	32	100	65	16	180	225	125	95	320	250	14	208	254	49	304	240	254	304	160	5	15	343	420	694	95	156
32-250/220/P	B	50	32	100	65	16	180	225	125	95	320	250	14	208	254	49	304	240	254	304	160	5	15	343	420	694	95	165
40-125/30/P	A	65	40	80	50	14	112	140	100	70	210	160	14	245	-	-	-	134	-	-	-	-	-	237	252	478	96	42
40-125/40/P	A	65	40	80	50	14	112	140	100	70	210	160	14	273	-	-	-	154	-	-	-	-	-	237	266	492	96	47
40-125/55/P	A	65	40	80	50	14	112	140	100	70	210	160	14	285	-	-	-	168	-	-	-	-	-	237	280	533	96	56
40-125/75/P	A	65	40	80	50	14	112	140	100	70	210	160	14	305	-	-	-	191	-	-	-	-	-	256	303	547	96	75
40-160/55/P	A	65	40	80	50	14	132	160	100	70	240	190	14	285	-	-	-	168	-	-	-	-	-	256	300	533	92	57
40-160/75/P	A	65	40	80	50	14	132	160	100	70	240	190	14	305	-	-	-	191	-	-	-	-	-	256	323	547	92	76
40-160/92/P	A	65	40	80	50	14	132	160	100	70	240	190	14	343	-	-	-	191	-	-	-	-	-	256	323	585	92	82
40-160/110/P	A	65	40	80	50	14	132	160	100	70	240	190	14	343	-	-	-	191	-	-	-	-	-	256	323	585	92	85
40-200/92/P	A	65	40	100	50	14	160	180	100	70	265	212	14	343	-	-	-	191	-	-	-	-	-	290	351	605	90	86
40-200/110/P	A	65	40	100	50	14	160	180	100	70	265	212	14	343	-	-	-	191	-	-	-	-	-	290	351	605	90	89
40-250/185/P	B	65	40	100	65	16	180	225	125	95	320	250	14	208	254	49	304	240	254	304	160	5	15	338	420	694	104	157
40-250/220/P	B	65	40	100	65	16	180	225	125	95	320	250	14	208	254	49	304	240	254	304	160	5	15	338	420	694	104	166
50-125/55/P	A	65	50	100	50	14	132	160	100	70	240	190	14	287	-	-	-	168	-	-	-	-	-	255	300	555	107	59
50-125/75/P	A	65	50	100	50	14	132	160	100	70	240	190	14	307	-	-	-	191	-	-	-	-	-	263	323	569	107	78
50-125/92/P	A	65	50	100	50	14	132	160	100	70	240	190	14	345	-	-	-	191	-	-	-	-	-	263	323	607	107	84
50-125/110/P	A	65	50	100	50	14	132	160	100	70	240	190	14	345	-	-	-	191	-	-	-	-	-	263	323	607	107	87
50-160/92/P	A	65	50	100	50	14	160	180	100	70	265	212	14	343	-	-	-	191	-	-	-	-	-	289	351	605	103	87
50-160/110/P	A	65	50	100	50	14	160	180	100	70	265	212	14	343	-	-	-	191	-	-	-	-	-	289	351	605	103	90
50-200/185/P	B	65	50	100	50	14	160	200	100	70	265	212	14	208	254	49	304	240	254	304	160	5	15	313	400	694	98	142
50-200/220/P	B	65	50	100	50	14	160	200	100	70	265	212	14	208	254	49	304	240	254	304	160	5	15	313	400	694	98	151
50-250/220/P	B	65	50	100	65	16	180	225	125	95	320	250	14	208	254	49	304	240	254	304	160	5	15	352	420	694	110	167

NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCE 65, 80 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES





FLANGES

EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
65	185	145	20	118	4x19	2 1/2	185	139.5	20	105	4x19
80	200	160	22	132	8x19	3	200	152.5	22	127	8x19
100	230	180	24	157	8x19	4	230	190.5	24	157	8x19

*)...VALUE "C" AND "D" MAY VARY FROM STANDARD.

A0009-EN_B_DD

NSCE 65, 80 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES

PUMP TYPE NSCE..2	TYPE	DIMENSIONS (mm)																									WEIGHT
		PUMP													MOTOR									B	H	L	x	
		DNS	DND	a	b	g1	h1	h2	m1	m2	n1	n2	s1	W	A	AA	AB	AD	B	BB	H	HA	s2	max	max			kg
65-125/75/P	A	80	65	100	65	16	160	180	125	95	280	212	14	307	-	-	-	191	-	-	-	-	-	300	351	569	100	85
65-125/92/P	A	80	65	100	65	16	160	180	125	95	280	212	14	345	-	-	-	191	-	-	-	-	-	300	351	607	100	91
65-125/110/P	A	80	65	100	65	16	160	180	125	95	280	212	14	345	-	-	-	191	-	-	-	-	-	300	351	607	100	94
65-160/150/P	B	80	65	100	65	16	160	200	125	95	280	212	14	208	254	49	304	240	210	304	160	5	15	335	400	694	108	146
65-160/185/P	B	80	65	100	65	16	160	200	125	95	280	212	14	208	254	49	304	240	254	304	160	5	15	335	400	694	108	157
65-160/220/P	B	80	65	100	65	16	160	200	125	95	280	212	14	208	254	49	304	240	254	304	160	5	15	335	400	694	108	166
65-200/220/P	B	80	65	100	65	16	180	225	125	95	320	250	14	208	254	49	304	240	254	304	160	5	15	348	420	694	118	169
80-160/185/P	B	100	80	125	65	16	180	225	125	95	320	250	14	208	254	49	304	240	254	304	160	5	15	340	420	719	122	163
80-160/220/P	B	100	80	125	65	16	180	225	125	95	320	250	14	208	254	49	304	240	254	304	160	5	15	340	420	719	122	172

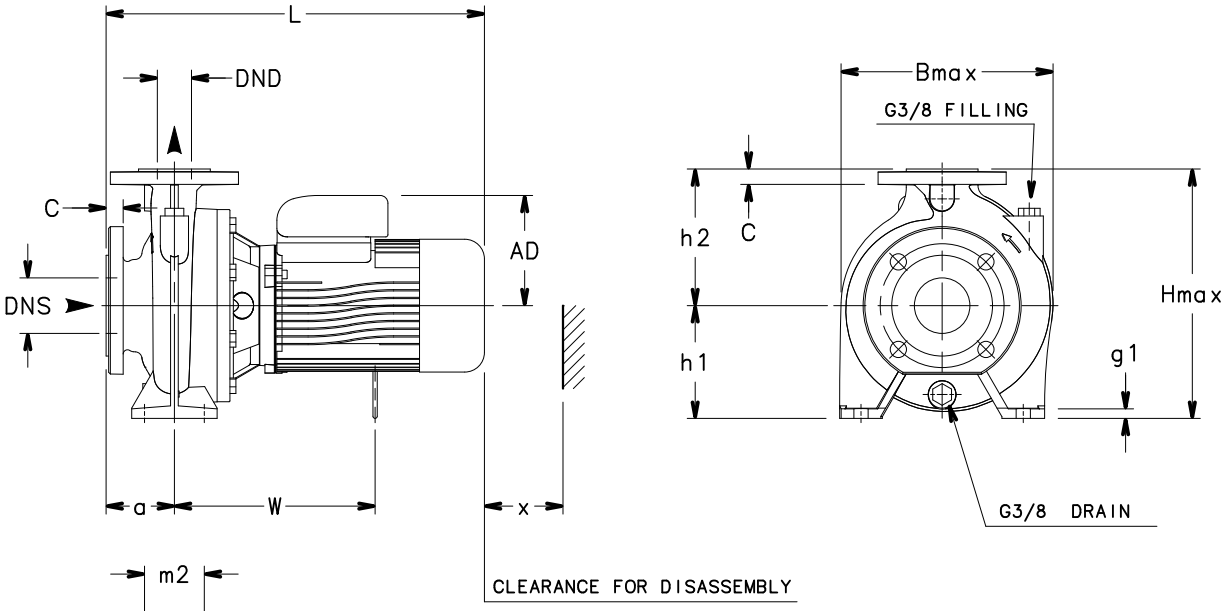
For shims and supports see accessories section.

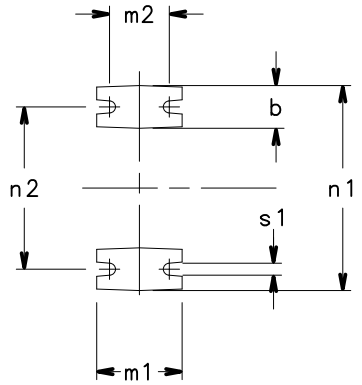
nsce-65-80_2p60-en_a_td

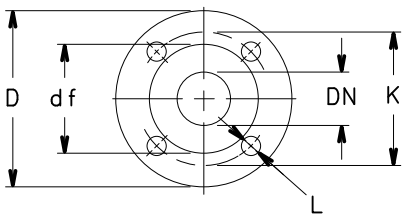
NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

NSCE 32, 40, 50 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

TYPE A







FLANGES

EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
32	140	100	18	76	4x19	1 1/4	140	89	18	63.5	4x19
40	150	110	18	84	4x19	1 1/2	150	98.5	18	73	4x19
50	165	125	20	99	4x19	2	165	120.5	20	92	4x19
65	185	145	20	118	4x19	2 1/2	185	139.5	20	105	4x19

*)...VALUE "C" AND "D" MAY VARY
FROM STANDARD.

A0010-EN_B_DD

GOULDS WATER TECHNOLOGY
a xylem brand

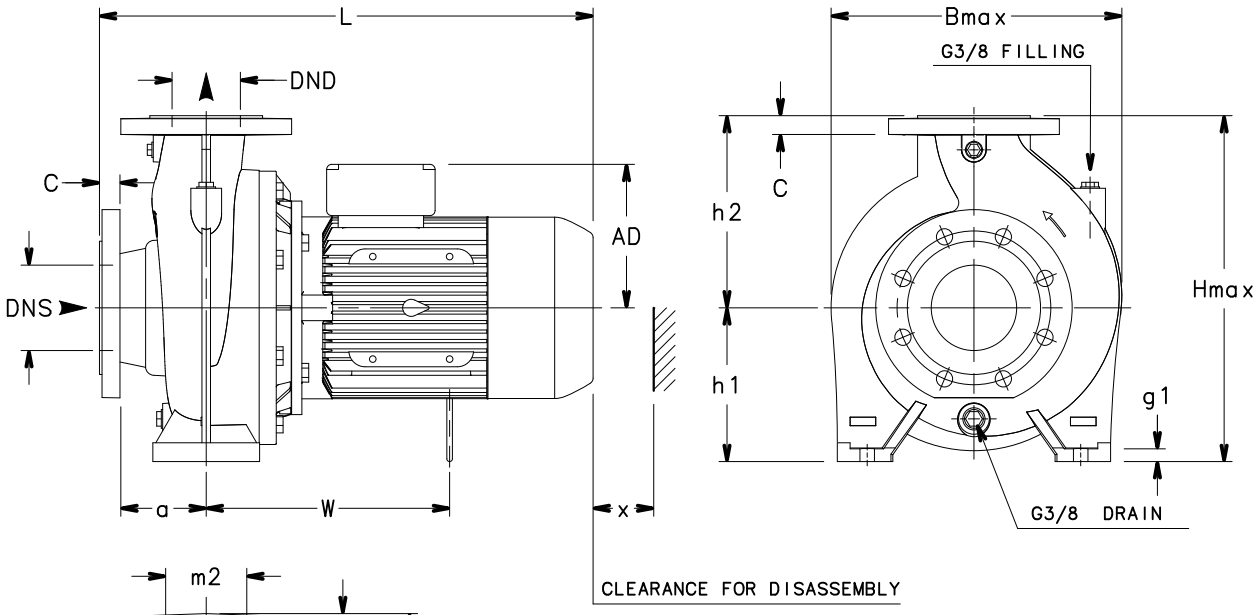
NSCE 32, 40, 50 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

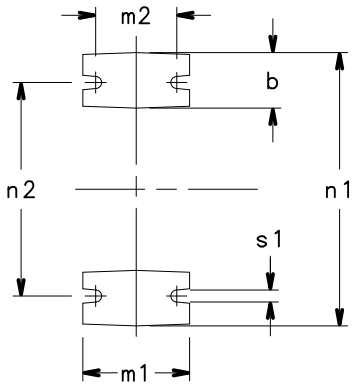
PUMP TYPE NSCE..4	TYPE	DIMENSIONS (mm)														B	H	L	x	WEIGHT
		DNS	DND	a	AD	b	g1	h1	h2	m1	m2	n1	n2	s1	W	max	max			kg
32-125/02/S	A	50	32	80	121	50	14	112	140	100	70	190	140	14	215	242	252	411	86	26
32-125/03/S	A	50	32	80	121	50	14	112	140	100	70	190	140	14	215	242	252	411	86	27
32-125/05/S	A	50	32	80	129	50	14	112	140	100	70	190	140	14	235	242	252	443	86	29
32-125/07/X	A	50	32	80	128	50	14	112	140	100	70	190	140	14	-	242	252	411	86	32
32-160/05/S	A	50	32	80	129	50	14	132	160	100	70	240	190	14	235	248	292	443	86	30
32-160/07/X	A	50	32	80	128	50	14	132	160	100	70	240	190	14	-	248	292	411	86	33
32-160/11/P	A	50	32	80	134	50	14	132	160	100	70	240	190	14	245	248	292	478	86	39
32-200/11/P	A	50	32	80	134	50	14	160	180	100	70	240	190	14	245	286	340	478	86	42
32-200/15/P	A	50	32	80	134	50	14	160	180	100	70	240	190	14	245	286	340	478	86	46
32-250/22/P	A	50	32	100	168	65	16	180	225	125	95	320	250	14	285	343	405	522	95	74
32-250/30A/P	A	50	32	100	168	65	16	180	225	125	95	320	250	14	285	343	405	553	95	78
32-250/30/P	A	50	32	100	168	65	16	180	225	125	95	320	250	14	285	343	405	553	95	78
32-250/40/P	A	50	32	100	168	65	16	180	225	125	95	320	250	14	345	343	405	582	95	97
40-125/03/S	A	65	40	80	121	50	14	112	140	100	70	210	160	14	215	237	252	411	96	28
40-125/05/S	A	65	40	80	129	50	14	112	140	100	70	210	160	14	235	237	252	443	96	30
40-125/07/X	A	65	40	80	128	50	14	112	140	100	70	210	160	14	-	237	252	411	96	33
40-125/11/P	A	65	40	80	134	50	14	112	140	100	70	210	160	14	245	237	252	478	96	41
40-160/07/X	A	65	40	80	128	50	14	132	160	100	70	240	190	14	-	250	292	411	92	34
40-160/11/P	A	65	40	80	134	50	14	132	160	100	70	240	190	14	245	250	292	478	92	42
40-160/15A/P	A	65	40	80	134	50	14	132	160	100	70	240	190	14	245	250	292	478	92	44
40-160/15/P	A	65	40	80	134	50	14	132	160	100	70	240	190	14	245	250	292	478	92	44
40-200/15/P	A	65	40	100	134	50	14	160	180	100	70	265	212	14	245	290	340	498	90	46
40-250/22/P	A	65	40	100	168	65	16	180	225	125	95	320	250	14	285	338	405	522	104	70
40-250/30/P	A	65	40	100	168	65	16	180	225	125	95	320	250	14	285	338	405	553	104	74
40-250/40/P	A	65	40	100	168	65	16	180	225	125	95	320	250	14	345	338	405	582	104	93
40-250/55/P	A	65	40	100	191	65	16	180	225	125	95	320	250	14	343	338	405	605	104	96
50-125/07/X	A	65	50	100	128	50	14	132	160	100	70	240	190	14	-	255	292	433	107	36
50-125/11A/P	A	65	50	100	128	50	14	132	160	100	70	240	190	14	247	255	292	500	107	44
50-125/11/P	A	65	50	100	134	50	14	132	160	100	70	240	190	14	247	255	292	500	107	44
50-125/15/P	A	65	50	100	134	50	14	132	160	100	70	240	190	14	247	255	292	500	107	46
50-160/11/P	A	65	50	100	134	50	14	160	180	100	70	265	212	14	245	289	340	498	103	47
50-160/15/P	A	65	50	100	134	50	14	160	180	100	70	265	212	14	245	289	340	498	103	49
50-200/22/P	A	65	50	100	168	50	14	160	200	100	70	265	212	14	287	305	360	522	98	62
50-200/30A/P	A	65	50	100	168	50	14	160	200	100	70	265	212	14	285	305	360	553	98	66
50-200/30/P	A	65	50	100	168	50	14	160	200	100	70	265	212	14	285	305	360	553	98	66
50-200/40/P	A	65	50	100	168	50	14	160	200	100	70	265	212	14	345	305	360	582	98	83
50-250/40/P	A	65	50	100	168	65	16	180	225	125	95	320	250	14	345	358	405	582	110	99
50-250/55/P	A	65	50	100	191	65	16	180	225	125	95	320	250	14	343	358	405	605	110	102
50-250/75/P	A	65	50	100	191	65	16	180	225	125	95	320	250	14	343	358	405	605	110	106

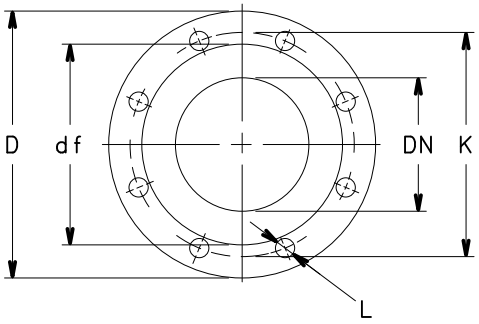
NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

NSCE 65, 80 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

TYPE A







FLANGES

EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
65	185	145	20	118	4x19	2 1/2	185	139.5	20	105	4x19
80	200	160	22	132	8x19	3	200	152.5	22	127	8x19
100	230	180	24	157	8x19	4	230	190.5	24	157	8x19

*)...VALUE "C" AND "D" MAY VARY FROM STANDARD.

A0011-EN_B_DD

GOULDS WATER TECHNOLOGY
a xylem brand

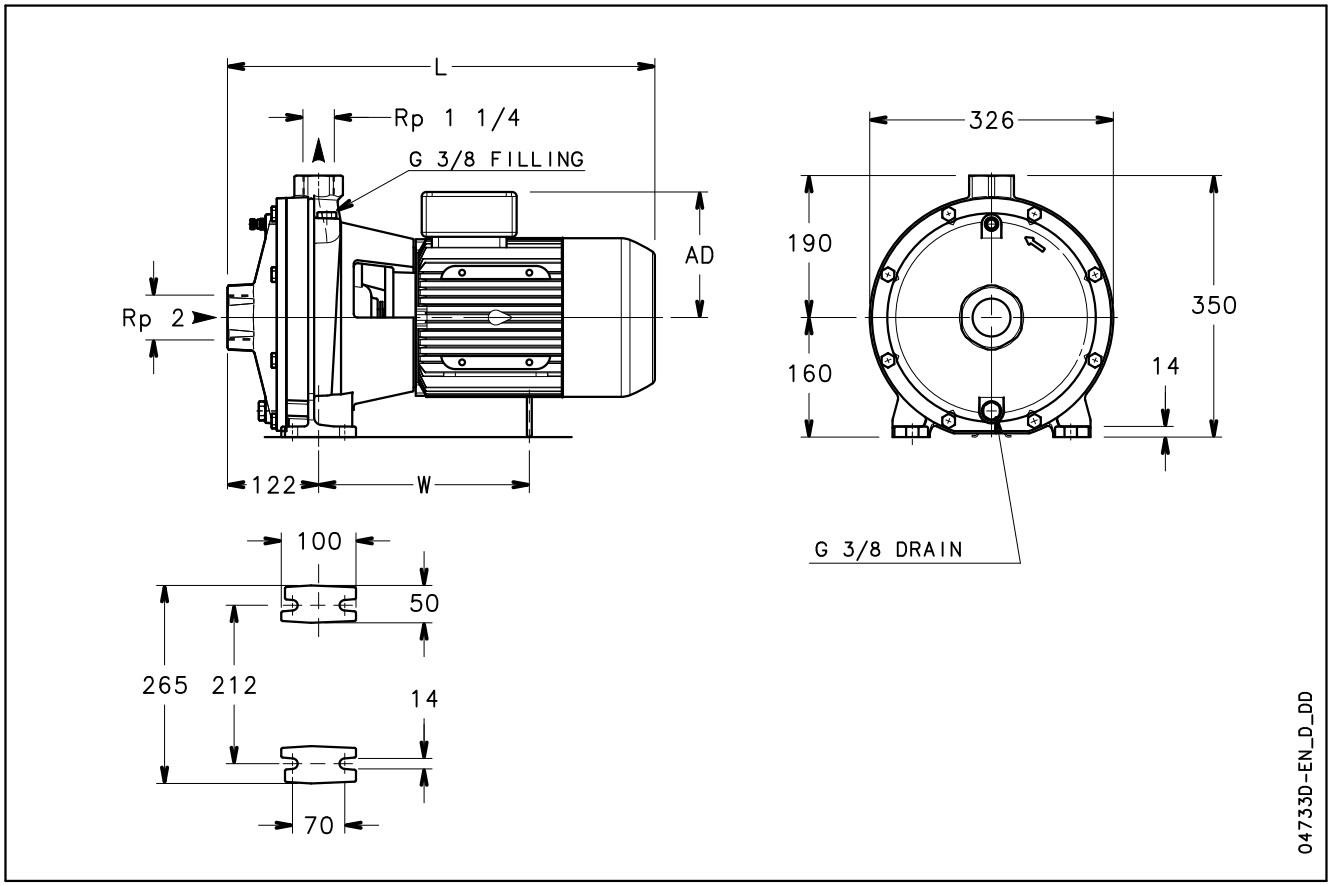
NSCE 65, 80 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

PUMP TYPE NSCE..4	TYPE	DIMENSIONS (mm)														B	H	L	x	WEIGHT
		DNS	DND	a	AD	b	g1	h1	h2	m1	m2	n1	n2	s1	W	max	max			kg
65-125/11A/P	A	80	65	100	134	65	16	160	180	125	95	280	212	14	247	300	340	500	100	49
65-125/11/P	A	80	65	100	134	65	16	160	180	125	95	280	212	14	247	300	340	500	100	49
65-125/15/P	A	80	65	100	134	65	16	160	180	125	95	280	212	14	247	300	340	500	100	53
65-160/22A/P	A	80	65	100	168	65	16	160	200	125	95	280	212	14	285	335	360	522	108	75
65-160/22/P	A	80	65	100	168	65	16	160	200	125	95	280	212	14	285	335	360	522	108	75
65-160/30/P	A	80	65	100	168	65	16	160	200	125	95	280	212	14	285	335	360	553	108	79
65-160/40/P	A	80	65	100	168	65	16	160	200	125	95	280	212	14	345	335	360	582	108	98
65-200/30/P	A	80	65	100	168	65	16	180	225	125	95	320	250	14	285	348	405	553	118	82
65-200/40/P	A	80	65	100	168	65	16	180	225	125	95	320	250	14	345	348	405	582	118	101
65-200/55A/P	A	80	65	100	191	65	16	180	225	125	95	320	250	14	343	348	405	605	118	104
65-200/55/P	A	80	65	100	191	65	16	180	225	125	95	320	250	14	343	348	405	605	118	104
65-200/75/P	A	80	65	100	191	65	16	180	225	125	95	320	250	14	343	348	405	605	118	106
80-160/22/P	A	100	80	125	168	65	16	180	225	125	95	320	250	14	285	340	405	547	122	81
80-160/30/P	A	100	80	125	168	65	16	180	225	125	95	320	250	14	285	340	405	578	122	85
80-160/40/P	A	100	80	125	168	65	16	180	225	125	95	320	250	14	345	340	405	607	122	104
80-160/55/P	A	100	80	125	191	65	16	180	225	125	95	320	250	14	343	340	405	630	122	107

NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

nsce-65-80-4p60-en_a_td

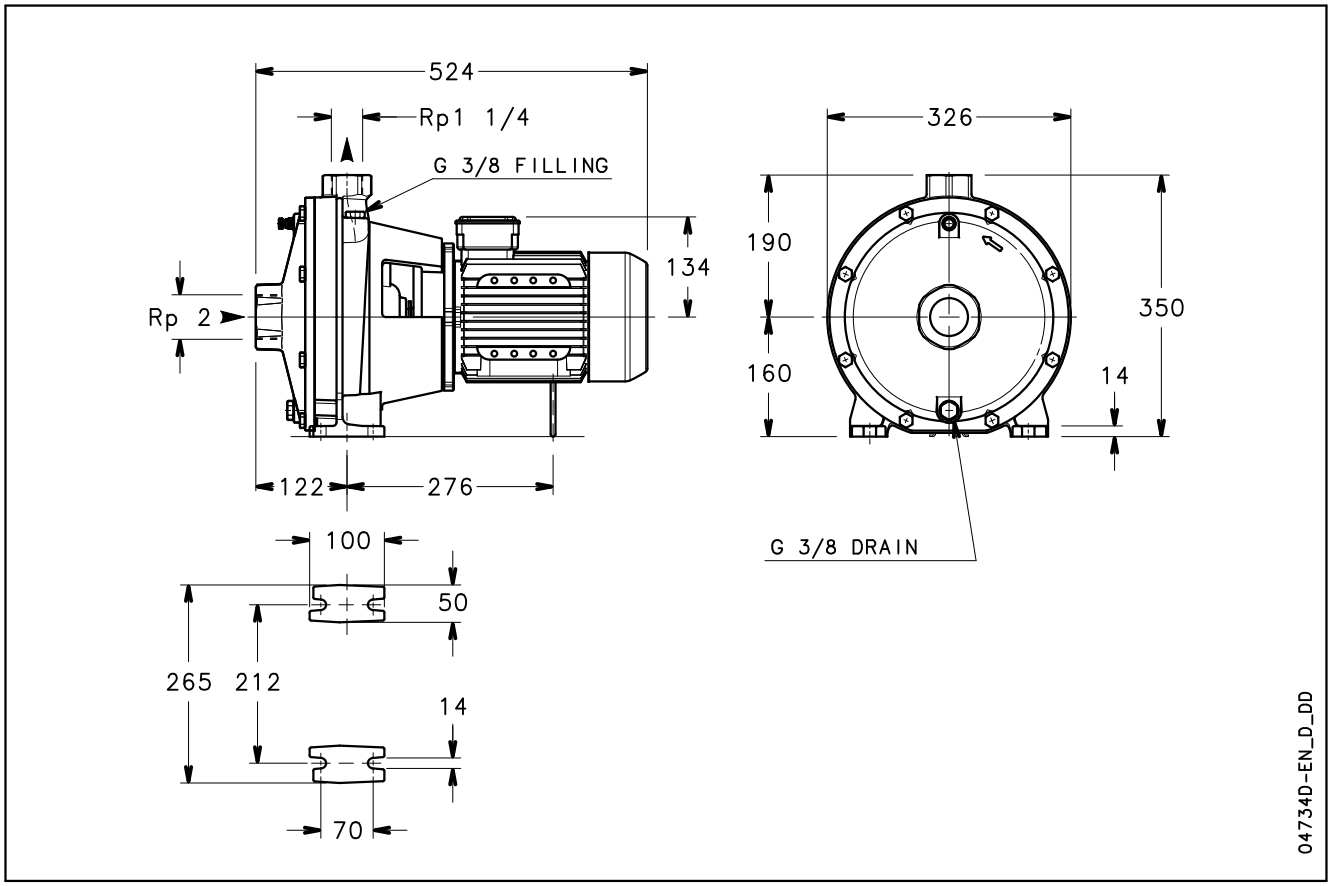
NSC2 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES



PUMP TYPE	DIMENSIONS (mm)			WEIGHT
	L	W	AD	kg
NSC2 32-250/55/P	572	282	168	74
NSC2 32-250/75/P	607	323	191	90

Nsc2-2p60-en_a_td

NSC2 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

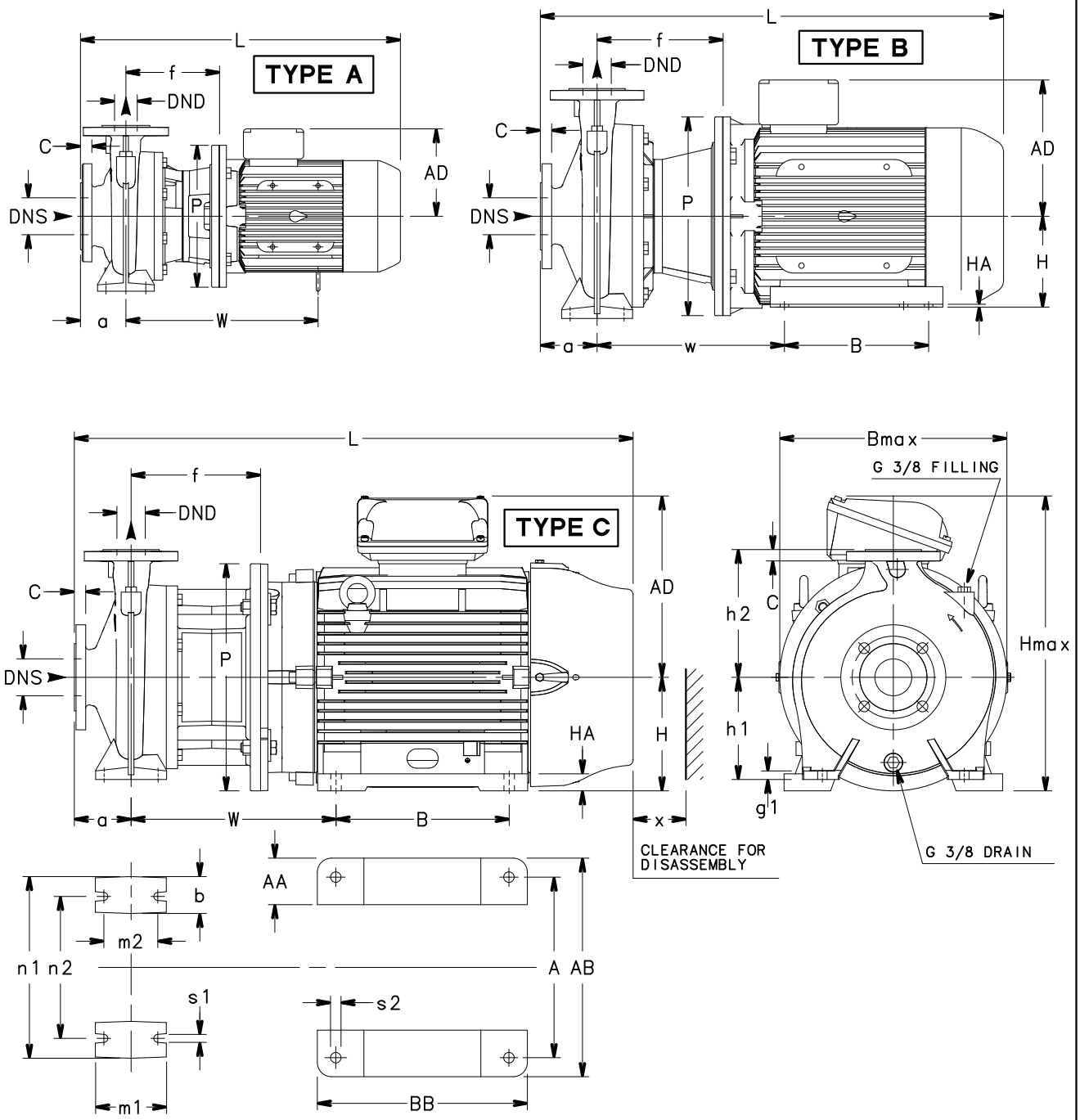


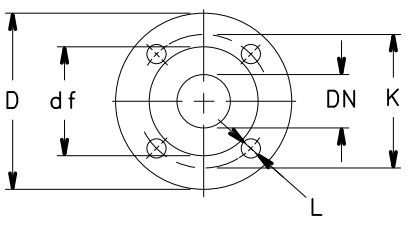
PUMP TYPE	WEIGHT kg
NSC2 32-250/11A/P	53
NSC2 32-250/11/P	55

Nsc2-4p60-en_b_td

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS 32, 40, 50 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES





FLANGES

EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
32	140	100	18	76	4x19	1 1/4	140	89	18	63.5	4x19
40	150	110	18	84	4x19	1 1/2	150	98.5	18	73	4x19
50	165	125	20	99	4x19	2	165	120.5	20	92	4x19
65	185	145	20	118	4x19	2 1/2	185	139.5	20	105	4x19

*)..VALUE "C" AND "D" MAY VARY FROM STANDARD.

A0012-EN_C_DD

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS 32, 40, 50 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES

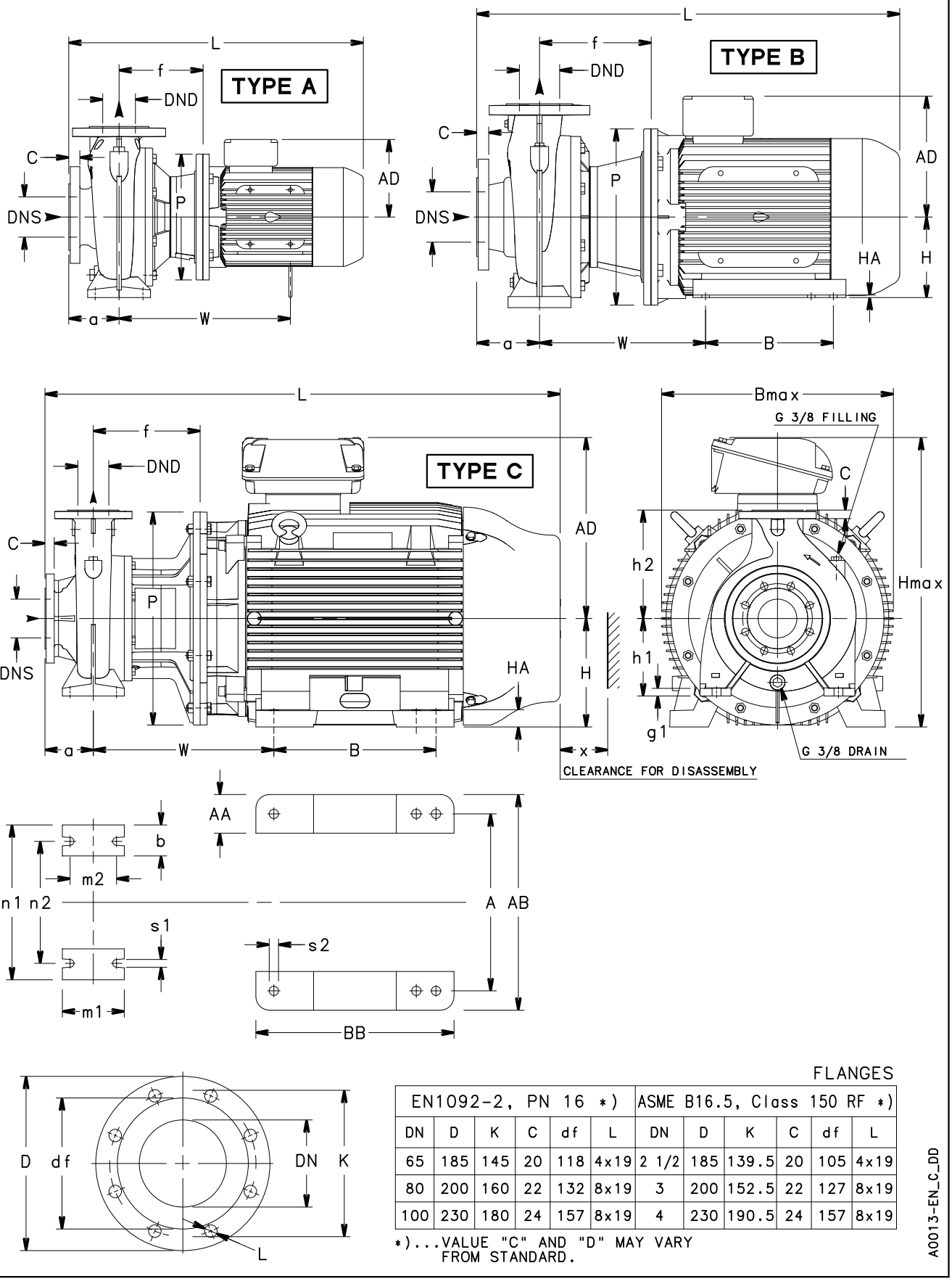
PUMP TYPE NSCS..2	TYPE	DIMENSIONS (mm)																													WEIGHT
		PUMP															MOTOR										B	H	L	x	
		DNS	DND	a	b	f	g1	h1	h2	m1	m2	n1	n2	P	s1	W	A	AA	AB	AD	B	BB	H	HA	s2	max	max			kg
32-125/15/S	A	50	32	80	50	155	14	112	140	100	70	190	140	200	14	290	-	-	-	129	-	-	-	-	-	242	252	498	86	36
32-125/22/P	A	50	32	80	50	155	14	112	140	100	70	190	140	200	14	300	-	-	-	134	-	-	-	-	-	242	252	533	86	43
32-125/30/P	A	50	32	80	50	165	14	112	140	100	70	190	140	250	14	310	-	-	-	134	-	-	-	-	-	250	259	543	86	48
32-125/40/P	A	50	32	80	50	165	14	112	140	100	70	190	140	250	14	338	-	-	-	154	-	-	-	-	-	250	279	564	86	51
32-125/55/P	A	50	32	80	50	192	14	112	140	100	70	190	140	300	14	399	-	-	-	168	-	-	-	-	-	300	318	647	86	64
32-160/40/P	A	50	32	80	50	165	14	132	160	100	70	240	190	250	14	338	-	-	-	154	-	-	-	-	-	250	286	564	86	52
32-160/55/P	A	50	32	80	50	192	14	132	160	100	70	240	190	300	14	399	-	-	-	168	-	-	-	-	-	300	318	647	86	70
32-160/75/P	A	50	32	80	50	192	14	132	160	100	70	240	190	300	14	397	-	-	-	191	-	-	-	-	-	300	341	639	86	91
32-160/110A/P	C	50	32	80	50	222	14	132	160	100	70	240	190	350	14	330	254	49	304	240	210	304	160	5	15	350	415	796	86	108
32-200/75/P	A	50	32	80	50	192	14	160	180	100	70	240	190	300	14	397	-	-	-	191	-	-	-	-	-	300	351	639	86	92
32-200/110A/P	B	50	32	80	50	222	14	160	180	100	70	240	190	350	14	330	254	49	304	240	210	304	160	5	15	350	415	796	86	111
32-200/110/P	B	50	32	80	50	222	14	160	180	100	70	240	190	350	14	330	254	49	304	240	210	304	160	5	15	350	415	796	86	111
32-250/110/P	B	50	32	100	65	222	16	180	225	125	95	320	250	350	14	330	254	49	304	240	210	304	160	5	15	350	420	816	95	122
32-250/150/P	B	50	32	100	65	222	16	180	225	125	95	320	250	350	14	330	254	49	304	240	210	304	160	5	15	350	420	816	95	155
32-250/185/P	B	50	32	100	65	222	16	180	225	125	95	320	250	350	14	330	254	49	304	240	254	304	160	5	15	350	420	816	95	164
32-250/220/P	B	50	32	100	65	222	16	180	225	125	95	320	250	350	14	330	254	49	304	240	254	304	160	5	15	350	420	816	95	175
40-125/30/P	A	65	40	80	50	165	14	112	140	100	70	210	160	250	14	310	-	-	-	134	-	-	-	-	-	250	259	543	96	49
40-125/40/P	A	65	40	80	50	165	14	112	140	100	70	210	160	250	14	338	-	-	-	154	-	-	-	-	-	250	279	564	96	52
40-125/55/P	A	65	40	80	50	192	14	112	140	100	70	210	160	300	14	399	-	-	-	168	-	-	-	-	-	300	318	647	96	70
40-125/75/P	A	65	40	80	50	192	14	112	140	100	70	210	160	300	14	397	-	-	-	191	-	-	-	-	-	300	341	639	96	91
40-160/55/P	A	65	40	80	50	192	14	132	160	100	70	240	190	300	14	399	-	-	-	168	-	-	-	-	-	300	318	647	92	71
40-160/75/P	A	65	40	80	50	192	14	132	160	100	70	240	190	300	14	397	-	-	-	191	-	-	-	-	-	300	341	639	92	92
40-160/110A/P	C	65	40	80	50	222	14	132	160	100	70	240	190	350	14	330	254	49	304	240	210	304	160	5	15	350	415	796	92	109
40-160/110/P	C	65	40	80	50	222	14	132	160	100	70	240	190	350	14	330	254	49	304	240	210	304	160	5	15	350	415	796	92	109
40-200/110A/P	B	65	40	100	50	222	14	160	180	100	70	265	212	350	14	330	254	49	304	240	210	304	160	5	15	350	415	816	90	111
40-200/110/P	B	65	40	100	50	222	14	160	180	100	70	265	212	350	14	330	254	49	304	240	210	304	160	5	15	350	415	816	90	111
40-200/150/P	B	65	40	100	50	222	14	160	180	100	70	265	212	350	14	330	254	49	304	240	210	304	160	5	15	350	415	816	90	144
40-200/185/P	B	65	40	100	50	222	14	160	180	100	70	265	212	350	14	330	254	49	304	240	254	304	160	5	15	350	415	816	90	153
40-250/185/P	B	65	40	100	65	222	16	180	225	125	95	320	250	350	14	330	254	49	304	240	254	304	160	5	15	350	420	816	104	165
40-250/220/P	B	65	40	100	65	222	16	180	225	125	95	320	250	350	14	330	254	49	304	240	254	304	160	5	15	350	420	816	104	176
40-250/300/W	C	65	40	100	65	228	16	180	225	125	95	320	250	400	14	361	318	82	385	317	305	370	200	30	18	402	517	985	104	285
40-250/370/W	C	65	40	100	65	228	16	180	225	125	95	320	250	400	14	361	318	82	385	317	305	370	200	30	18	402	517	985	104	300
50-125/55/P	A	65	50	100	50	194	14	132	160	100	70	240	190	300	14	401	-	-	-	168	-	-	-	-	-	300	318	669	107	73
50-125/75/P	A	65	50	100	50	194	14	132	160	100	70	240	190	300	14	399	-	-	-	191	-	-	-	-	-	300	341	661	107	92
50-125/110A/P	C	65	50	100	50	224	14	132	160	100	70	240	190	350	14	332	254	49	304	240	210	304	160	5	15	350	415	818	107	111
50-125/110/P	C	65	50	100	50	224	14	132	160	100	70	240	190	350	14	332	254	49	304	240	210	304	160	5	15	350	415	818	107	111
50-160/110A/P	B	65	50	100	50	222	14	160	180	100	70	265	212	350	14	330	254	49	304	240	210	304	160	5	15	350	415	816	103	114
50-160/110/P	B	65	50	100	50	222	14	160	180	100	70	265	212	350	14	330	254	49	304	240	210	304	160	5	15	350	415	816	103	114
50-160/150/P	B	65	50	100	50	222	14	160	180	100	70	265	212	350	14	330	254	49	304	240	210	304	160	5	15	350	415	816	103	147
50-160/185/P	B	65	50	100	50	222	14	160	180	100	70	265	212	350	14	330	254	49	304	240	254	304	160	5	15	350	415	816	103	156
50-200/185/P	B	65	50	100	50	222	14	160	200	100	70	265	212	350	14	330	254	49	304	240	254	304	160	5	15	350	415	816	98	155
50-200/220/P	B	65	50	100	50	222	14	160	200	100	70	265	212	350	14	330	254	49	304	240	210	304	160	5	15	350	415	816	98	166
50-200/300/W	C	65	50	100	50	222	14	160	200	100	70	265	212	400	14	361	318	82	385	317	305	370	200	30	18	402	517	985	98	276
50-250/220/P	B	65	50	100	65	222	16	180	225	125	95	320	250	350	14	330	254	49	304	240	254	304	160	5	15	352	420	816	110	177
50-250/300/W	C	65	50	100	65	228	16	180	225	125	95	320	250	400	14	361	318	82	385	317	305	370	200	30	18	402	517	985	110	286
50-250/370/W	C	65	50	100	65	228	16	180	225	125	95	320	250	400	14	361	318	82	385	317	305	370	200	30	18	402	517	985	110	301
50-315/550/W	C	65	50	125	65	276	14	225	280	125	95	345	280	550	15	444	406	100	506	402	349	467	250	43	24	550	682	1226	140	537
50-315/750/W	C	65	50	125	65	276	14	225	280	125	95	345	280	550	15	466	457	100	557	472	368	517	280	42	24	550	752	1332	140	737

For shims and supports see accessories section.

nscs-32-40-50_2p60-en_a_td

NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

NSCS 65, 80 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES



FLANGES

EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
65	185	145	20	118	4x19	2 1/2	185	139.5	20	105	4x19
80	200	160	22	132	8x19	3	200	152.5	22	127	8x19
100	230	180	24	157	8x19	4	230	190.5	24	157	8x19

*)...VALUE "C" AND "D" MAY VARY FROM STANDARD.

A0013-EN_C_DD

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS 65, 80 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES

PUMP TYPE NSCS..2	TYPE	DIMENSIONS (mm)																													WEIGHT
		PUMP															MOTOR									B	H	L	x	
		DNS	DND	a	b	f	g1	h1	h2	m1	m2	n1	n2	P	s1	W	A	AA	AB	AD	B	BB	H	HA	s2	max	max			kg
65-125/75/P	A	80	65	100	65	194	16	160	180	125	95	280	212	300	14	401	-	-	-	191	-	-	-	-	-	300	351	661	100	99
65-125/110A/P	B	80	65	100	65	224	16	160	180	125	95	280	212	350	14	332	254	49	304	240	210	304	160	5	15	350	415	818	100	116
65-125/110/P	B	80	65	100	65	224	16	160	180	125	95	280	212	350	14	332	254	49	304	240	210	304	160	5	15	350	415	818	100	116
65-160/150/P	B	80	65	100	65	222	16	160	200	125	95	280	212	350	14	330	254	49	304	240	210	304	160	5	15	350	415	816	108	156
65-160/185/P	B	80	65	100	65	222	16	160	200	125	95	280	212	350	14	330	254	49	304	240	254	304	160	5	15	350	415	816	108	165
65-160/220/P	B	80	65	100	65	222	16	160	200	125	95	280	212	350	14	330	254	49	304	240	254	304	160	5	15	350	415	816	108	176
65-160/300/W	C	80	65	100	65	228	16	160	200	125	95	280	212	400	14	361	318	82	385	317	305	370	200	30	18	402	517	985	108	285
65-200/220/P	B	80	65	100	65	222	16	180	225	125	95	320	250	350	14	330	254	49	304	240	254	304	160	5	15	350	420	816	118	179
65-200/300/W	C	80	65	100	65	228	16	180	225	125	95	320	250	400	14	361	318	82	385	317	305	370	200	30	18	402	517	985	118	288
65-200/370/W	C	80	65	100	65	228	16	180	225	125	95	320	250	400	14	361	318	82	385	317	305	370	200	30	15	402	517	985	118	303
65-250/450/W	C	80	65	100	80	246	21	200	250	160	120	360	280	450	20	395	356	80	436	384	311	412	225	34	18	455	609	1086	130	481
65-250/550/W	C	80	65	100	80	276	21	200	250	160	120	360	280	550	20	444	406	100	506	402	349	467	250	43	24	550	677	1201	130	581
65-250/750/W	C	80	65	100	80	276	21	200	250	160	120	360	280	550	20	466	457	100	557	472	368	517	280	42	24	599	752	1307	130	844
65-315/750/W	C	80	65	125	80	276	20	225	280	160	120	400	315	550	19	466	457	100	557	472	368	517	280	42	24	550	752	1332	140	745
65-315/900/W	C	80	65	125	80	276	20	225	280	160	120	400	315	550	19	466	457	100	557	472	419	517	280	42	24	550	752	1332	140	825
80-160/185/P	B	100	80	125	65	222	16	180	225	125	95	320	250	350	14	330	254	49	304	240	254	304	160	5	15	350	420	841	122	171
80-160/220/P	B	100	80	125	65	222	16	180	225	125	95	320	250	350	14	330	254	49	304	240	254	304	160	5	15	350	420	841	122	182
80-160/300/W	C	100	80	125	65	228	16	180	225	125	95	320	250	400	14	361	318	82	385	317	305	370	200	30	18	402	517	1010	122	291
80-160/370/W	C	100	80	125	65	228	16	180	225	125	95	320	250	400	14	361	318	82	385	317	305	370	200	30	18	402	517	1010	122	306
80-200/450/W	C	100	80	125	65	246	16	180	250	125	95	345	280	450	14	395	356	80	436	384	311	412	225	34	18	455	609	1117	151	483
80-200/550/W	C	100	80	125	65	276	16	180	250	125	95	345	280	550	14	444	406	100	506	402	349	467	250	43	24	550	677	1226	151	583
80-200/750/W	C	100	80	125	65	276	16	180	250	125	95	345	280	550	14	466	457	100	557	472	368	517	280	42	24	599	752	1332	151	846
80-250/550/W	C	100	80	125	80	276	21	200	280	160	120	400	315	550	20	444	406	100	506	402	349	467	250	43	24	550	677	1226	152	586
80-250/750/W	C	100	80	125	80	276	21	200	280	160	120	400	315	550	20	466	457	100	557	472	419	517	280	42	24	599	752	1332	152	849

For shims and supports see accessories section.

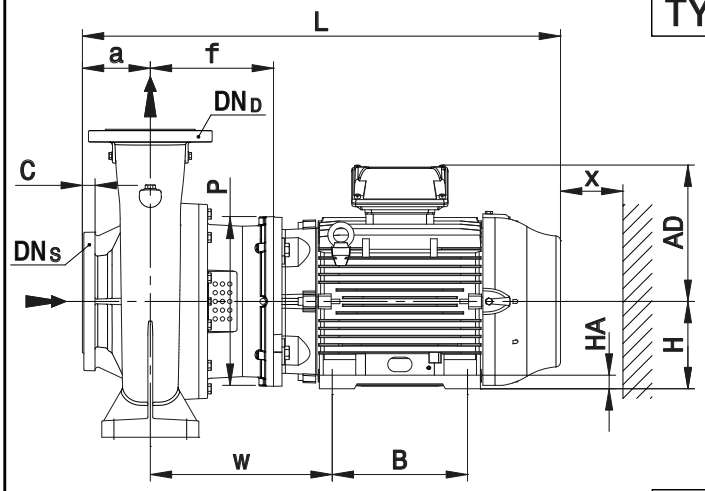
nscs-65-80_2p60-en_4_td

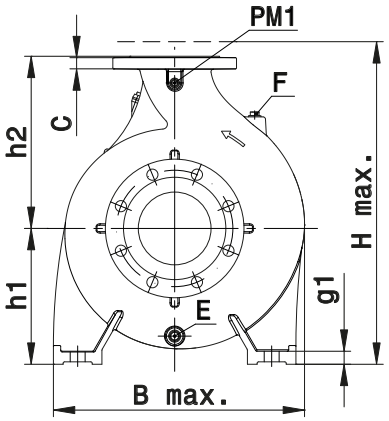
NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

GOULDS WATER TECHNOLOGY
a xylem brand

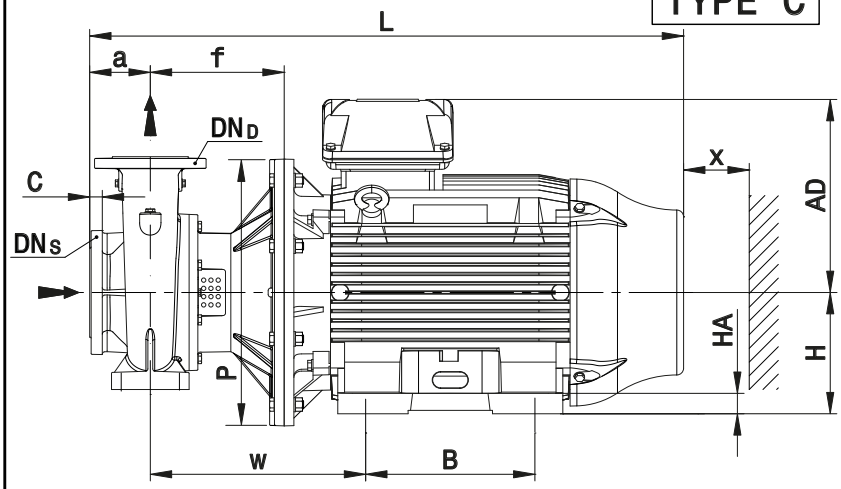
NSCS 100, 125 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES

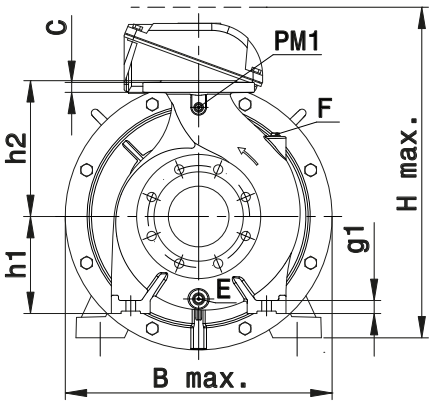
TYPE B

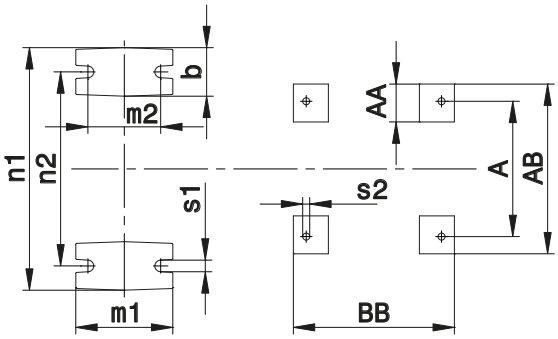




TYPE C



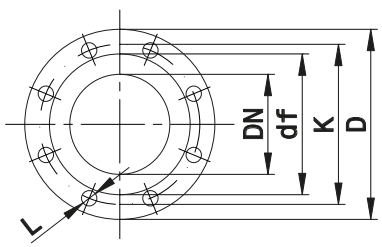




PM1..Pressure gauge connector
E....Drain
F....Filling
*)...Value C and D may vary from standard

Connections		
	$DN_D \leq 150$	$DN_D \geq 200$
PM1	1/4"	1/2"
E	3/8"	1/2"
F	3/8"	-

Flange



EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
50	165	125	20	99	4x19	2	165	120,5	20	92	4x18
65	185	145	20	118	4x19	2 1/2	185	139,5	20	105	4x18
80	200	160	22	132	8x19	3	200	152,5	22	127	4x18
100	230	180	24	157	8x19	4	230	190,5	24	157	8x18
125	255	210	26	184	8x19	5	255	216	26	186	8x22
150	285	240	26	211	8x23	6	285	241,5	26	216	8x22

NSCS_2p-EN_C_DD

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS 100, 125 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES

PUMP TYPE NSCS..2	TYPE	DIMENSIONS (mm)																												WEIGHT (kg)
		PUMP															MOTOR										B max	H max	L	x	
		DNS	DND	a	b	f	g1	h1	h2	m1	m2	n1	n2	P	s1	W	A	AA	AB	AD	B	BB	H	HA	s2					G
100-160/300/W	B	125	100	125	80	246	26	200	280	160	120	360	280	400	19	379	318	82	385	317	305	370	200	30	19	400	517	1028	140	310
100-160/370/W	B	125	100	125	80	246	26	200	280	160	120	360	280	400	19	379	318	82	385	317	305	370	200	30	19	400	517	1028	140	335
100-160/450/W	C	125	100	125	80	246	26	200	280	160	120	360	280	450	19	395	356	80	436	384	311	412	225	34	19	450	609	1117	140	470
100-160/550/W	C	125	100	125	80	276	26	200	280	160	120	360	280	550	19	444	406	100	506	402	349	467	250	43	24	550	682	1226	140	532
100-200/550/W	C	125	100	125	80	276	26	200	280	160	120	360	280	550	19	444	406	100	506	402	349	467	250	43	24	550	682	1226	140	531
100-200/750/W	C	125	100	125	80	276	26	200	280	160	120	360	280	550	19	466	457	100	557	472	368	517	280	42	24	550	752	1332	140	731
100-200/900/W	C	125	100	125	80	276	26	200	280	160	120	360	280	550	19	466	457	100	557	472	419	517	280	42	24	550	752	1332	140	811
100-250/900/W	C	125	100	140	80	276	26	225	280	160	120	400	315	550	19	466	457	100	557	472	419	517	280	42	24	550	752	1347	140	822
125-200/750/W	C	150	125	140	80	276	26	250	315	160	120	400	315	550	19	466	457	100	557	472	368	517	280	42	24	550	752	1347	140	758
125-200/900/W	C	150	125	140	80	276	26	250	315	160	120	400	315	550	19	466	457	100	557	472	419	517	280	42	24	550	752	1347	140	838

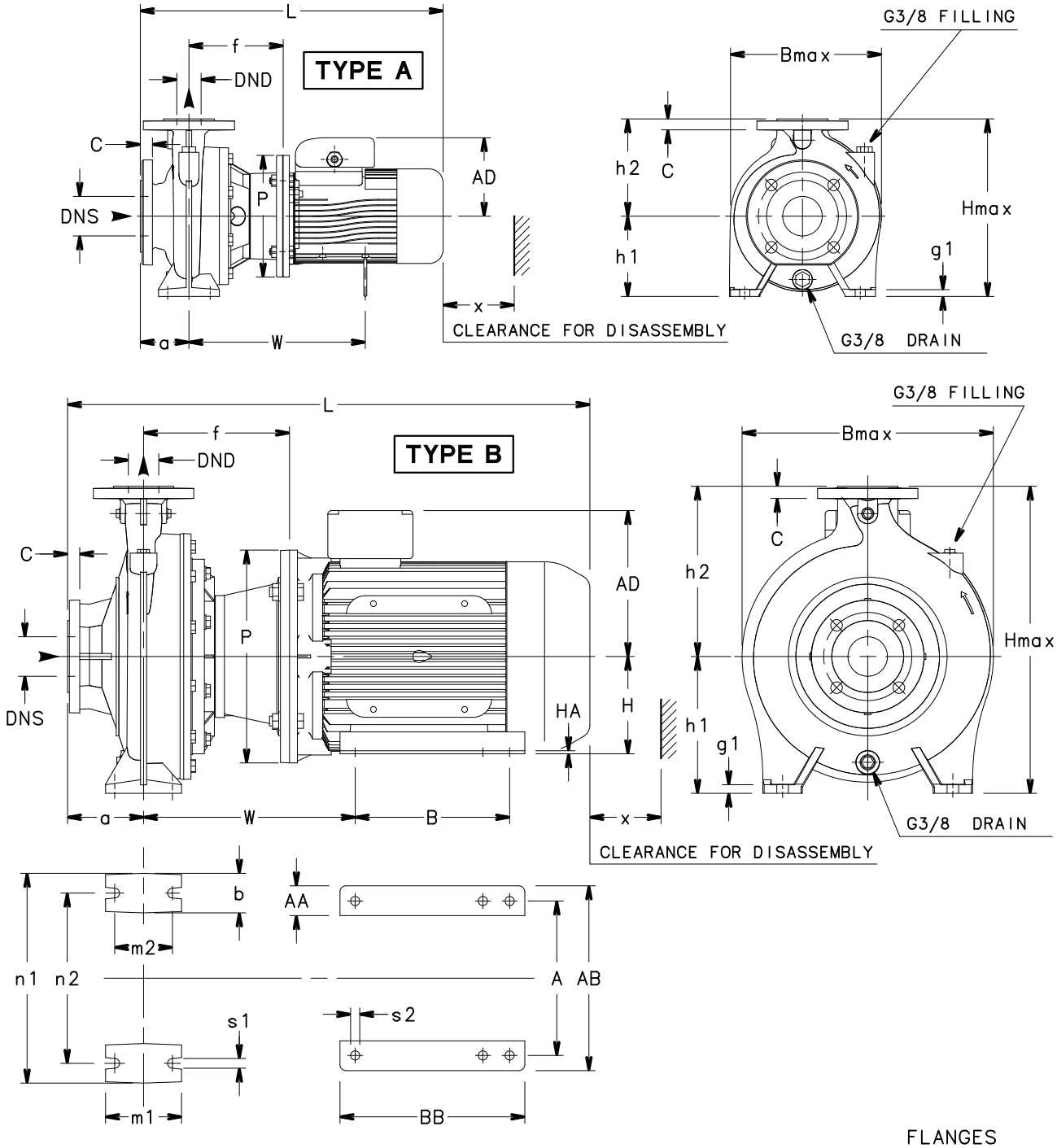
For shims and supports see accessories section.

Nscs-100-125_2p60-en_a_td

NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS 32, 40, 50 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES



FLANGES

EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
32	140	100	18	76	4x19	1 1/4	140	89	18	63.5	4x19
40	150	110	18	84	4x19	1 1/2	150	98.5	18	73	4x19
50	165	125	20	99	4x19	2	165	120.5	20	92	4x19
65	185	145	20	118	4x19	2 1/2	185	139.5	20	105	4x19

*)...VALUE "C" AND "D" MAY VARY FROM STANDARD.

A0014-EN_B_DD

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS 32, 40, 50 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

PUMP TYPE NSCS..4	TYPE	DIMENSIONS (mm)																												WEIGHT
		PUMP															MOTOR										B	H	L	x	
		DNS	DND	a	b	f	g1	h1	h2	m1	m2	n1	n2	P	s1	W	A	AA	AB	AD	B	BB	H	HA	s2	max	max			kg
32-125/05/S	A	50	32	80	50	155	14	112	140	100	70	190	140	200	14	290	-	-	-	129	-	-	-	-	-	242	252	498	86	32
32-125/07/X	A	50	32	80	50	155	14	112	140	100	70	190	140	200	14	-	-	-	-	128	-	-	-	-	-	242	252	466	86	35
32-160/05/S	A	50	32	80	50	155	14	132	160	100	70	240	190	200	14	290	-	-	-	129	-	-	-	-	-	248	292	498	86	33
32-160/07/X	A	50	32	80	50	155	14	132	160	100	70	240	190	200	14	-	-	-	-	128	-	-	-	-	-	248	292	466	86	36
32-160/11/P	A	50	32	80	50	155	14	132	160	100	70	240	190	200	14	300	-	-	-	134	-	-	-	-	-	248	292	533	86	42
32-200/11/P	A	50	32	80	50	155	14	160	180	100	70	240	190	200	14	300	-	-	-	134	-	-	-	-	-	286	340	533	86	45
32-200/15/P	A	50	32	80	50	155	14	160	180	100	70	240	190	200	14	300	-	-	-	134	-	-	-	-	-	286	340	533	86	49
32-200/22/P	A	50	32	80	50	165	14	160	180	100	70	240	190	200	14	300	-	-	-	168	-	-	-	-	-	286	340	567	86	60
32-250/22/P	A	50	32	100	65	165	21	180	225	125	95	320	250	250	14	350	-	-	-	168	-	-	-	-	-	343	405	587	95	78
32-250/30A/P	A	50	32	100	65	165	21	180	225	125	95	320	250	250	14	350	-	-	-	168	-	-	-	-	-	343	405	587	95	82
32-250/30/P	A	50	32	100	65	165	21	180	225	125	95	320	250	250	14	350	-	-	-	168	-	-	-	-	-	343	405	618	95	82
32-250/40/P	A	50	32	100	65	165	21	180	225	125	95	320	250	250	14	410	-	-	-	168	-	-	-	-	-	343	405	647	95	101
40-125/05/S	A	65	40	80	50	155	14	112	140	100	70	210	160	200	14	290	-	-	-	129	-	-	-	-	-	237	252	498	96	33
40-125/07/X	A	65	40	80	50	155	14	112	140	100	70	210	160	200	14	-	-	-	-	128	-	-	-	-	-	237	252	466	96	36
40-125/11/P	A	65	40	80	50	155	14	112	140	100	70	210	160	200	14	300	-	-	-	134	-	-	-	-	-	237	252	533	96	42
40-160/07/X	A	65	40	80	50	155	14	132	160	100	70	240	190	200	14	-	-	-	-	128	-	-	-	-	-	250	292	466	92	37
40-160/11/P	A	65	40	80	50	155	14	132	160	100	70	240	190	200	14	300	-	-	-	134	-	-	-	-	-	250	292	533	92	43
40-160/15A/P	A	65	40	80	50	155	14	132	160	100	70	240	190	200	14	300	-	-	-	134	-	-	-	-	-	250	292	533	92	47
40-160/15/P	A	65	40	80	50	155	14	132	160	100	70	240	190	200	14	300	-	-	-	134	-	-	-	-	-	250	292	533	92	47
40-200/15/P	A	65	40	100	50	155	14	160	180	100	70	265	212	200	14	300	-	-	-	134	-	-	-	-	-	290	340	553	90	51
40-200/22/P	A	65	40	100	50	165	14	160	180	100	70	265	212	250	14	350	-	-	-	168	-	-	-	-	-	290	340	587	90	62
40-200/30/P	A	65	40	100	50	165	14	160	180	100	70	265	212	250	14	350	-	-	-	168	-	-	-	-	-	290	340	618	90	66
40-250/22/P	A	65	40	100	65	165	16	180	225	125	95	320	250	250	14	350	-	-	-	168	-	-	-	-	-	338	405	587	104	79
40-250/30/P	A	65	40	100	65	165	16	180	225	125	95	320	250	250	14	350	-	-	-	168	-	-	-	-	-	338	405	618	104	83
40-250/40/P	A	65	40	100	65	165	16	180	225	125	95	320	250	250	14	410	-	-	-	168	-	-	-	-	-	338	405	647	104	102
40-250/55/P	A	65	40	100	65	192	16	180	225	125	95	320	250	300	14	435	-	-	-	191	-	-	-	-	-	338	405	697	104	113
50-125/07/X	A	65	50	100	50	157	14	132	160	100	70	240	190	200	14	-	-	-	-	128	-	-	-	-	-	255	292	488	107	39
50-125/11A/P	A	65	50	100	50	157	14	132	160	100	70	240	190	200	14	302	-	-	-	134	-	-	-	-	-	255	292	555	107	45
50-125/11/P	A	65	50	100	50	157	14	132	160	100	70	240	190	200	14	302	-	-	-	134	-	-	-	-	-	255	292	555	107	45
50-125/15/P	A	65	50	100	50	157	14	132	160	100	70	240	190	200	14	302	-	-	-	134	-	-	-	-	-	255	292	555	107	49
50-160/11/P	A	65	50	100	50	155	14	160	180	100	70	265	212	200	14	300	-	-	-	134	-	-	-	-	-	289	340	553	103	48
50-160/15/P	A	65	50	100	50	155	14	160	180	100	70	265	212	200	14	300	-	-	-	134	-	-	-	-	-	289	340	553	103	52
50-160/22/P	A	65	50	100	50	165	14	160	180	100	70	265	212	250	14	350	-	-	-	168	-	-	-	-	-	289	340	587	103	63
50-160/30/P	A	65	50	100	50	165	14	160	180	100	70	265	212	250	14	350	-	-	-	168	-	-	-	-	-	289	340	618	103	67
50-200/22/P	A	65	50	100	50	165	14	160	200	100	70	265	212	250	14	350	-	-	-	168	-	-	-	-	-	305	360	587	98	64
50-200/30A/P	A	65	50	100	50	165	14	160	200	100	70	265	212	250	14	350	-	-	-	168	-	-	-	-	-	305	360	618	98	68
50-200/30/P	A	65	50	100	50	165	14	160	200	100	70	265	212	250	14	350	-	-	-	168	-	-	-	-	-	305	360	618	98	68
50-200/40/P	A	65	50	100	50	165	14	160	200	100	70	265	212	250	14	410	-	-	-	168	-	-	-	-	-	305	360	647	98	87
50-250/40/P	A	65	50	100	65	165	16	180	225	125	95	320	250	250	14	410	-	-	-	168	-	-	-	-	-	358	405	647	110	103
50-250/55/P	A	65	50	100	65	192	16	180	225	125	95	320	250	300	14	435	-	-	-	191	-	-	-	-	-	358	405	697	110	114
50-250/75/P	A	65	50	100	65	192	16	180	225	125	95	320	250	300	14	435	-	-	-	191	-	-	-	-	-	358	405	697	110	118
50-315/75/P	A	65	50	125	65	210	14	225	280	125	95	345	280	300	15	-	-	-	-	191	-	-	-	-	-	413	505	740	140	146
50-315/110/P	B	65	50	125	65	240	14	225	280	125	95	345	280	350	15	348	254	49	304	240	210	304	160	5	15	413	505	859	140	210
50-315/150/P	B	65	50	125	65	240	14	225	280	125	95	345	280	350	15	348	254	49	304	240	254	304	160	5	15	413	505	859	140	214

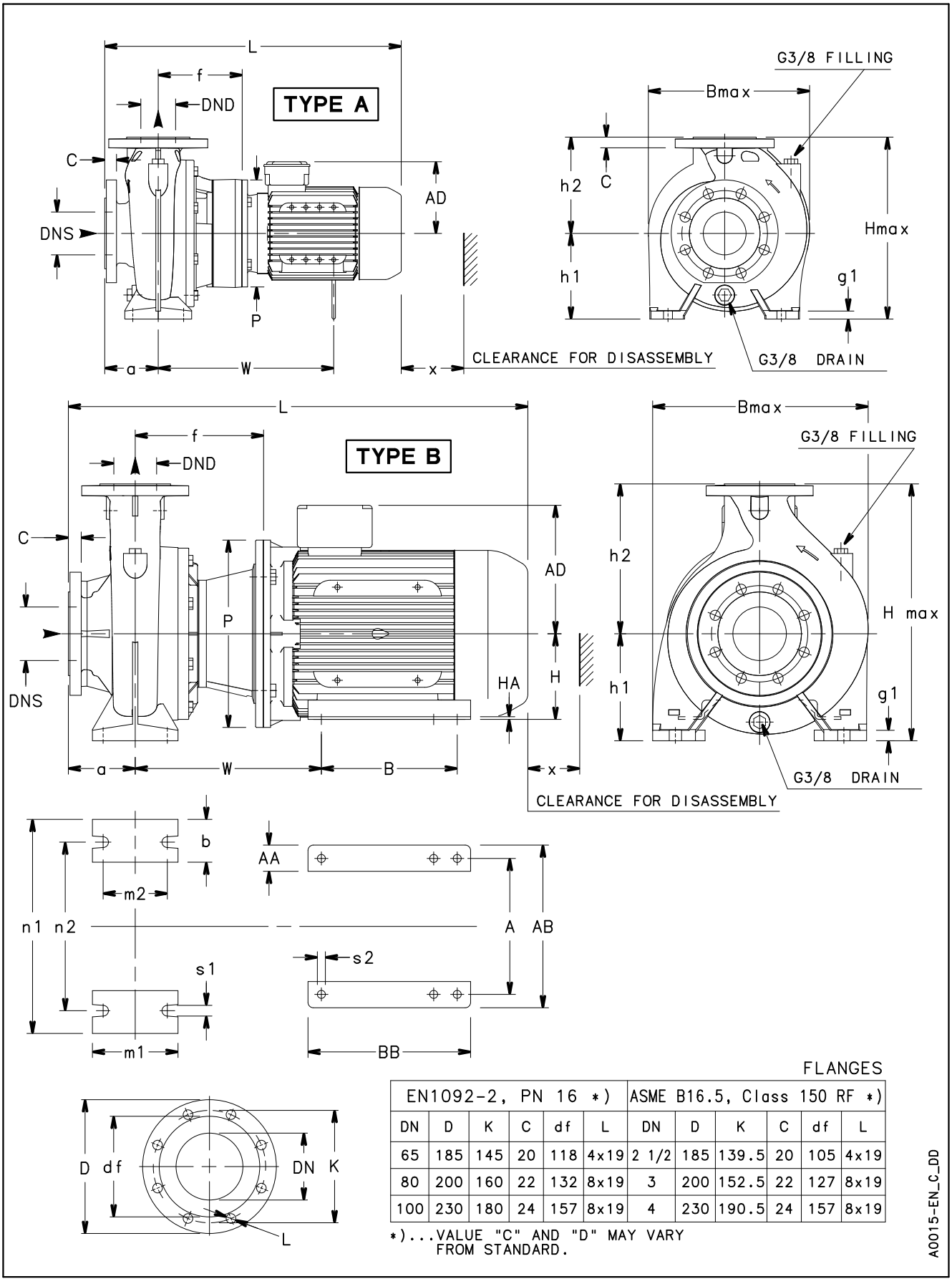
For shims and supports see accessories section.

Nscs-32-40-50_4p60-en_a_td

NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS 65, 80 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES



FLANGES

EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
65	185	145	20	118	4x19	2 1/2	185	139.5	20	105	4x19
80	200	160	22	132	8x19	3	200	152.5	22	127	8x19
100	230	180	24	157	8x19	4	230	190.5	24	157	8x19

*)...VALUE "C" AND "D" MAY VARY FROM STANDARD.

A0015-EN_C_DD

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS 65, 80 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

PUMP TYPE NSCS..4	TYPE	DIMENSIONS (mm)																													WEIGHT
		PUMP															MOTOR											B	H	L	x	
		DNS	DND	a	b	f	g1	h1	h2	m1	m2	n1	n2	P	s1	W	A	AA	AB	AD	B	BB	H	HA	s2	max	max			kg
65-125/11A/P	A	80	65	100	65	157	16	160	180	125	95	280	212	200	14	302	-	-	-	134	-	-	-	-	-	300	340	555	100	52
65-125/11/P	A	80	65	100	65	157	16	160	180	125	95	280	212	200	14	302	-	-	-	134	-	-	-	-	-	300	340	555	100	52
65-125/15/P	A	80	65	100	65	157	16	160	180	125	95	280	212	200	14	302	-	-	-	134	-	-	-	-	-	300	340	555	100	56
65-125/22/P	A	80	65	100	65	167	16	160	180	125	95	280	212	250	14	352	-	-	-	168	-	-	-	-	-	300	340	589	100	67
65-160/22A/P	A	80	65	100	65	165	16	160	200	125	95	280	212	250	14	350	-	-	-	168	-	-	-	-	-	335	360	587	108	79
65-160/22/P	A	80	65	100	65	165	16	160	200	125	95	280	212	250	14	350	-	-	-	168	-	-	-	-	-	335	360	587	108	79
65-160/30/P	A	80	65	100	65	165	16	160	200	125	95	280	212	250	14	350	-	-	-	168	-	-	-	-	-	335	360	618	108	83
65-160/40/P	A	80	65	100	65	165	16	160	200	125	95	280	212	250	14	410	-	-	-	168	-	-	-	-	-	335	360	647	108	102
65-200/30/P	A	80	65	100	65	165	16	180	225	125	95	320	250	250	14	350	-	-	-	168	-	-	-	-	-	348	405	618	118	86
65-200/40/P	A	80	65	100	65	165	16	180	225	125	95	320	250	250	14	410	-	-	-	168	-	-	-	-	-	348	405	647	118	105
65-200/55A/P	A	80	65	100	65	192	16	180	225	125	95	320	250	300	14	435	-	-	-	191	-	-	-	-	-	348	405	697	118	116
65-200/55/P	A	80	65	100	65	192	16	180	225	125	95	320	250	300	14	435	-	-	-	191	-	-	-	-	-	348	405	697	118	116
65-200/75/P	A	80	65	100	65	192	16	180	225	125	95	320	250	300	14	435	-	-	-	191	-	-	-	-	-	348	405	697	118	120
65-250/110A/P	B	80	65	100	80	240	21	200	250	160	120	360	280	350	20	348	254	49	304	240	210	304	160	5	15	367	450	834	130	192
65-250/110/P	B	80	65	100	80	240	21	200	250	160	120	360	280	350	20	348	254	49	304	240	210	304	160	5	15	367	450	834	130	192
65-315/110/P	B	80	65	125	80	240	20	225	280	160	120	400	315	350	19	348	254	49	304	240	210	304	160	5	15	437	505	859	140	217
65-315/150/P	B	80	65	125	80	240	20	225	280	160	120	400	315	350	19	348	254	49	304	240	254	304	160	5	15	437	505	859	140	221
65-315/185/W	B	80	65	125	80	240	20	225	280	160	120	400	315	350	19	361	279	78	350	279	241	294	180	28	15	437	505	919	140	260
65-315/220/W	B	80	65	125	80	240	20	225	280	160	120	400	315	350	19	361	279	78	350	279	279	332	180	28	15	437	505	957	140	277
80-160/22/P	A	100	80	125	65	165	16	180	225	125	95	320	250	250	14	350	-	-	-	168	-	-	-	-	-	340	405	612	122	85
80-160/30/P	A	100	80	125	65	165	16	180	225	125	95	320	250	250	14	350	-	-	-	168	-	-	-	-	-	340	405	643	122	89
80-160/40/P	A	100	80	125	65	165	16	180	225	125	95	320	250	250	14	410	-	-	-	168	-	-	-	-	-	340	405	672	122	108
80-160/55/P	A	100	80	125	65	192	16	180	225	125	95	320	250	300	14	435	-	-	-	191	-	-	-	-	-	340	405	722	122	119
80-200/55/P	A	100	80	125	65	210	16	180	250	125	95	345	280	300	14	453	-	-	-	191	-	-	-	-	-	358	430	740	151	126
80-200/75/P	A	100	80	125	65	210	16	180	250	125	95	345	280	300	14	453	-	-	-	191	-	-	-	-	-	358	430	740	151	130
80-200/110/P	B	100	80	125	65	240	16	180	250	125	95	345	280	350	14	348	254	49	304	240	210	304	160	5	15	358	430	859	151	194
80-250/75/P	A	100	80	125	80	240	21	200	280	160	120	400	315	300	20	453	-	-	-	191	-	-	-	-	-	400	480	740	152	133
80-250/110A/P	B	100	80	125	80	240	21	200	280	160	120	400	315	350	20	348	254	49	304	240	210	304	160	5	15	400	480	859	152	197
80-250/110/P	B	100	80	125	80	240	21	200	280	160	120	400	315	350	20	348	254	49	304	240	210	304	160	5	15	400	480	859	152	197
80-250/150/P	B	100	80	125	80	240	21	200	280	160	120	400	315	350	20	348	254	49	304	240	254	304	160	5	15	400	480	859	152	201
80-315/150/P	B	100	80	125	80	240	26	250	315	160	120	400	315	350	19	348	254	49	304	240	254	304	160	5	15	477	565	859	140	234
80-315/185/W	B	100	80	125	80	240	26	250	315	160	120	400	315	350	19	361	279	78	350	279	241	294	180	28	15	477	565	919	140	273
80-315/220/W	B	100	80	125	80	240	26	250	315	160	120	400	315	350	19	361	279	78	350	279	279	332	180	28	15	477	565	957	140	290
80-315/300/W	B	100	80	125	80	246	26	250	315	160	120	400	315	400	19	379	318	82	385	317	305	370	200	30	19	477	567	1028	140	338
80-400/370/W	B	100	80	125	80	284	26	280	355	160	120	435	355	450	19	433	356	80	436	384	286	412	225	34	19	539	664	1155	140	520
80-400/450/W	B	100	80	125	80	284	26	280	355	160	120	435	355	450	19	433	356	80	436	384	311	412	225	34	19	539	664	1155	140	555
80-400/550/W	B	100	80	125	80	284	26	280	355	160	120	435	355	550	19	452	406	100	506	402	349	467	250	43	24	550	682	1234	140	605
80-400/750/W	B	100	80	125	80	284	26	280	355	160	120	435	355	550	19	474	457	100	557	472	368	517	280	42	24	550	752	1340	140	797

For shims and supports see accessories section.

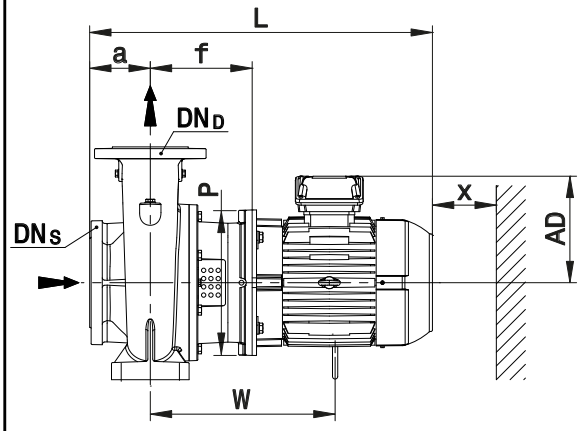
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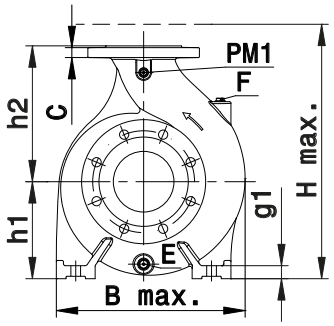
NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

GOULDS WATER TECHNOLOGY
a xylem brand

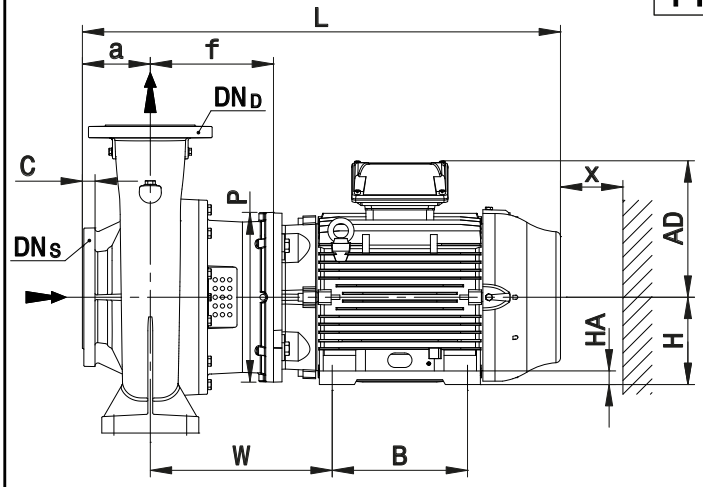
NSCS 100, 125, 150, 200, 250 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

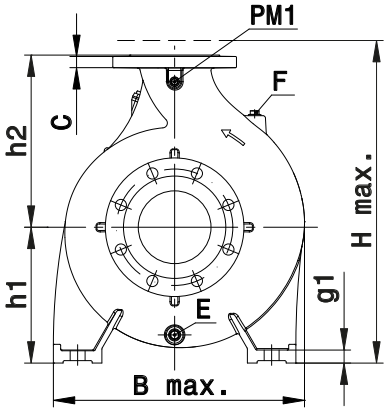
TYPE A





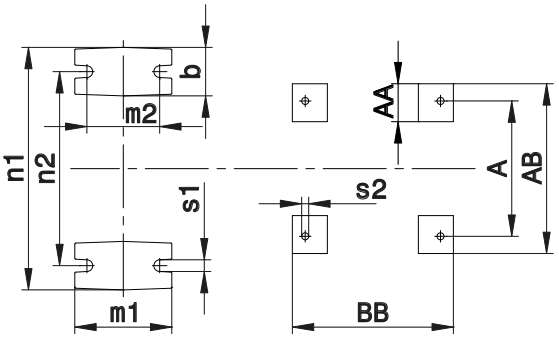
TYPE B



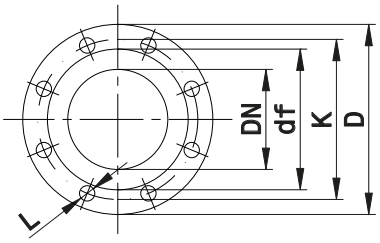


PM1..Pressure gauge connector
E....Drain
F....Filling
*)...Value C and D may vary from standard

Connections		
	$DN_D \leq 150$	$DN_D \geq 200$
PM1	1/4"	1/2"
E	3/8"	1/2"
F	3/8"	-



Flange



EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
100	230	180	24	157	8x19	4	230	190,5	24	157	8x18
125	255	210	26	184	8x19	5	255	216	26	186	8x22
150	285	240	26	211	8x23	6	285	241,5	26	216	8x22
200	345	295	30	266	12x23	8	345	298,5	30	270	8x22
250	405	355	32	319	12x28	10	405	362	32	324	12x26
300	485	410	32	370	12x28	12	485	432	32	381	12x26

NSCS_4p-EN_C_DD

GOULDS WATER TECHNOLOGY
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NSCS 100, 125, 150, 200 SERIES
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

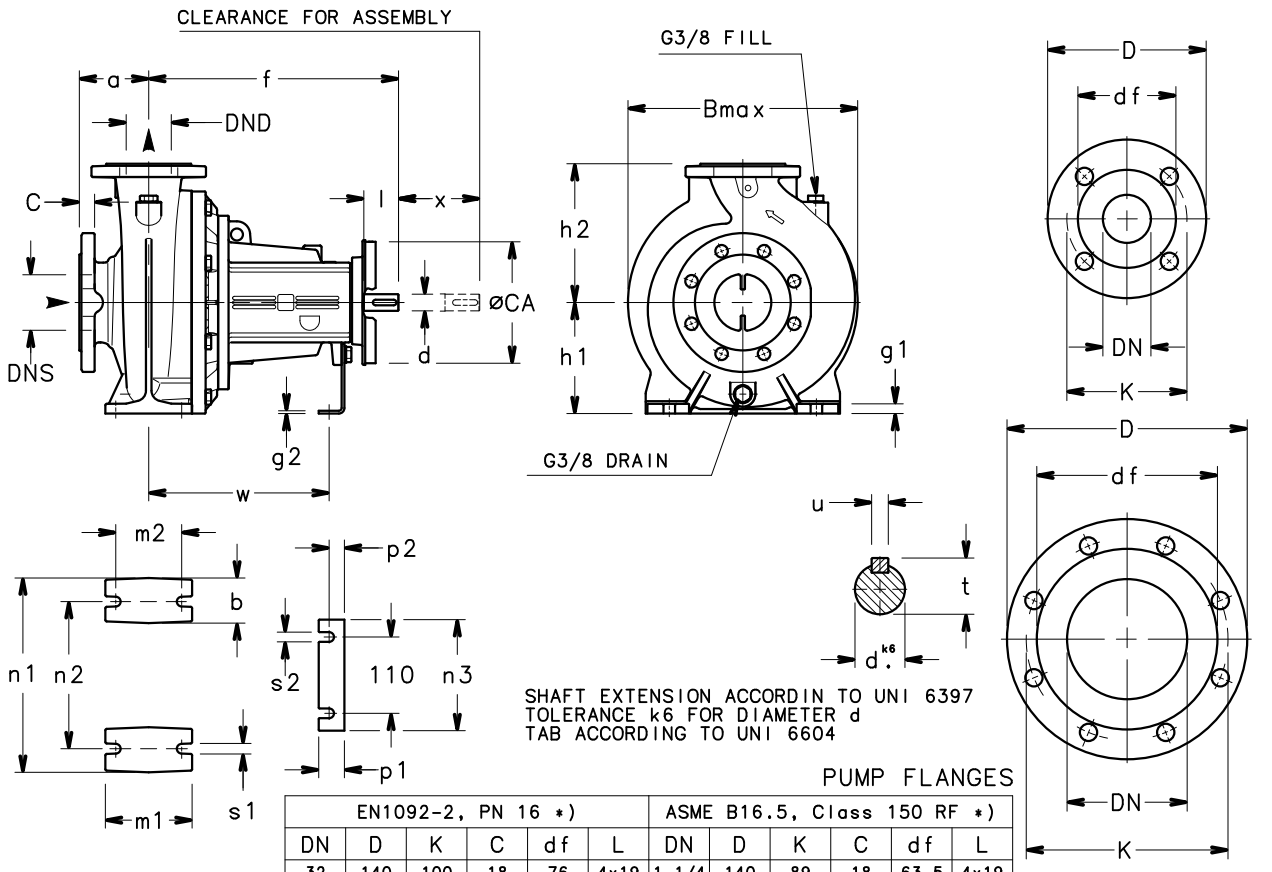
PUMP TYPE NSCS..4	TYPE	DIMENSIONS (mm)																													WEIGHT (kg)
		PUMP															MOTOR											B max	H max	L	x	G
		DNS	DND	a	b	f	g1	h1	h2	m1	m2	n1	n2	P	s1	W	A	AA	AB	AD	B	BB	H	HA	s2					
100-160/40/P	A	125	100	125	80	183	26	200	280	160	120	360	280	250	19	-	-	-	-	168	-	-	-	-	-	388	480	706	140	132
100-160/55/P	A	125	100	125	80	210	26	200	280	160	120	360	280	300	19	-	-	-	-	191	-	-	-	-	-	388	480	740	140	136
100-160/75/P	A	125	100	125	80	210	26	200	280	160	120	360	280	300	19	-	-	-	-	191	-	-	-	-	-	388	480	740	140	141
100-200/55/P	A	125	100	125	80	210	26	200	280	160	120	360	280	300	19	-	-	-	-	191	-	-	-	-	-	390	480	740	140	134
100-200/75/P	A	125	100	125	80	210	26	200	280	160	120	360	280	300	19	-	-	-	-	191	-	-	-	-	-	390	480	740	140	139
100-200/110/P	B	125	100	125	80	240	26	200	280	160	120	360	280	350	19	348	254	49	304	240	210	304	160	5	15	390	480	859	140	204
100-200/150/P	B	125	100	125	80	240	26	200	280	160	120	360	280	350	19	348	254	49	304	240	254	304	160	5	15	390	480	859	140	208
100-250/110/P	B	125	100	140	80	240	26	225	280	160	120	400	315	350	19	348	254	49	304	240	210	304	160	5	15	431	505	874	140	215
100-250/150/P	B	125	100	140	80	240	26	225	280	160	120	400	315	350	19	348	254	49	304	240	254	304	160	5	15	431	505	874	140	219
100-250/185/W	B	125	100	140	80	240	26	225	280	160	120	400	315	350	19	361	279	78	350	279	241	294	180	28	15	431	505	934	140	258
100-315/220/W	B	125	100	140	80	240	26	250	315	160	120	400	315	350	19	361	279	78	350	279	279	332	180	28	15	481	565	972	140	296
100-315/300/W	B	125	100	140	80	246	26	250	315	160	120	400	315	400	19	379	318	82	385	317	305	370	200	30	19	481	567	1043	140	343
100-400/450/W	B	125	100	140	100	284	26	280	355	200	150	500	400	450	23	433	356	80	436	384	311	412	225	34	19	569	664	1170	140	575
100-400/550/W	B	125	100	140	100	284	26	280	355	200	150	500	400	550	23	452	406	100	506	402	349	467	250	43	24	569	682	1249	140	624
100-400/750/W	B	125	100	140	100	284	26	280	355	200	150	500	400	550	23	474	457	100	557	472	368	517	280	42	24	569	752	1355	140	816
125-200/75/P	A	150	125	140	80	210	26	250	315	160	120	400	315	300	19	-	-	-	-	191	-	-	-	-	-	468	565	755	140	166
125-200/110/P	B	150	125	140	80	240	26	250	315	160	120	400	315	350	19	348	254	49	304	240	210	304	160	5	15	468	565	874	140	230
125-200/150/P	B	150	125	140	80	240	26	250	315	160	120	400	315	350	19	348	254	49	304	240	254	304	160	5	15	468	565	874	140	234
125-200/185/W	B	150	125	140	80	240	26	250	315	160	120	400	315	350	19	361	279	78	350	279	241	294	180	28	15	468	565	934	140	273
125-250/150/P	B	150	125	140	80	240	26	250	355	160	120	400	315	350	19	348	254	49	304	240	254	304	160	5	15	470	605	874	140	237
125-250/185/W	B	150	125	140	80	240	26	250	355	160	120	400	315	350	19	361	279	78	350	279	241	294	180	28	15	470	605	934	140	276
125-250/220/W	B	150	125	140	80	240	26	250	355	160	120	400	315	350	19	361	279	78	350	279	279	332	180	28	15	470	605	972	140	293
125-250/300/W	B	150	125	140	80	246	26	250	355	160	120	400	315	400	19	379	318	82	385	317	305	370	200	30	19	470	605	1043	140	340
125-315/300/W	B	150	125	140	100	254	26	280	355	200	150	500	400	400	23	387	318	82	385	317	305	370	200	30	19	518	635	1051	140	364
125-315/370/W	B	150	125	140	100	284	26	280	355	200	150	500	400	450	23	433	356	80	436	384	286	412	225	34	19	518	664	1170	140	510
125-315/450/W	B	150	125	140	100	284	26	280	355	200	150	500	400	450	23	433	356	80	436	384	311	412	225	34	19	518	664	1170	140	545
125-315/550/W	B	150	125	140	100	284	26	280	355	200	150	500	400	550	23	452	406	100	506	402	349	467	250	43	24	550	682	1249	140	595
125-315/750/W	B	150	125	140	100	284	26	280	355	200	150	500	400	550	23	474	457	100	557	472	368	517	280	42	24	550	752	1355	140	786
125-400/550/W	B	150	125	140	100	284	26	315	400	200	150	500	400	550	23	452	406	100	506	402	349	467	250	43	24	607	717	1249	140	642
125-400/750/W	B	150	125	140	100	284	26	315	400	200	150	500	400	550	23	474	457	100	557	472	368	517	280	42	24	607	787	1355	140	834
125-400/900/W	B	150	125	140	100	284	26	315	400	200	150	500	400	550	23	474	457	100	557	472	419	517	280	42	24	607	787	1355	140	904
150-200/150/P	B	200	150	160	100	240	26	280	400	200	150	550	450	350	23	348	254	49	304	240	254	304	160	5	15	602	680	894	140	289
150-200/185/W	B	200	150	160	100	240	26	280	400	200	150	550	450	350	23	361	279	78	350	279	241	294	180	28	15	602	680	954	140	329
150-200/220/W	B	200	150	160	100	240	26	280	400	200	150	550	450	350	23	361	279	78	350	279	279	332	180	28	15	602	680	992	140	346
150-200/300/W	B	200	150	160	100	246	26	280	400	200	150	550	450	400	23	379	318	82	385	317	305	370	200	30	19	602	680	1063	140	393
150-250/220/W	B	200	150	160	100	254	26	280	400	200	150	500	400	350	23	375	279	78	350	279	279	332	180	28	15	567	680	1006	140	350
150-250/300/W	B	200	150	160	100	254	26	280	400	200	150	500	400	400	23	387	318	82	385	317	305	370	200	30	19	567	680	1071	140	394
150-250/370/W	B	200	150	160	100	284	26	280	400	200	150	500	400	450	23	433	356	80	436	384	286	412	225	34	19	567	680	1190	140	540
150-250/450/W	B	200	150	160	100	284	26	280	400	200	150	500	400	450	23	433	356	80	436	384	311	412	225	34	19	567	680	1190	140	575
150-315/450/W	B	200	150	160	100	284	26	280	400	200	150	550	450	450	23	433	356	80	436	384	311	412	225	34	19	586	680	1190	140	572
150-315/550/W	B	200	150	160	100	284	26	280	400	200	150	550	450	550	23	452	406	100	506	402	349	467	250	43	24	586	682	1269	140	621
150-315/750/W	B	200	150	160	100	284	26	280	400	200	150	550	450	550	23	474	457	100	557	472	368	517	280	42	24	586	752	1375	140	813
150-315/900/W	B	200	150	160	100	284	26	280	400	200	150	550	450	550	23	474	457	100	557	472	419	517	280	42	24	586	752	1375	140	883
150-400/750/W	B	200	150	160	100	284	26	315	450	200	150	550	450	550	23	474	457	100	557	472	368	517	280	42	24	622	787	1375	140	862
150-400/900/W	B	200	150	160	100	284	26	315	450	200	150	550	450	550	23	474	457	100	557	472	419	517	280	42	24	622	787	1375	140	932
200-250/300/W	B	250	200	180	100	254	26	355	475	200	150	550	450	400	23	387	318	82	385	317	305	370	200	30	19	655	830	1091	200	434
200-250/370/W	B	250	200	180	100	284	26	355	475	200	150	550	450	450	23	433	356	80	436	384	286	412	225	34	19	655	830	1210	200	580
200-250/450/W	B	250	200	180	100	284	26	355	475	200	150	550	450	450	23	433	356	80	436	384	311	412	225	34	19	655	830	1210	200	615
200-250/550/W	B	250	200	180	100	284	26	355	475	200	150	550	450	550	23	452	406	100	506	402	349	467	250	43	24	655	830	1289	200	665
200-315/550/W	B	250	200	180	100	284	26	355	450	200	150	550	450	550	23	452	406	100	506	402	349	467	250	43	24	645	805	1289	200	664
200-315/750/W	B	250	200	180	100	284	26	355	450	200	150	550	450	550	23	474	457	100	557	472	368	517	280	42	24	645	827	1395	200	856
200-315/900/W	B	250	200	180	100	284	26	355	450	200	150	550	450	550	23	474	457	100	557	472	419	517	280	42	24	645	827	1395	200	926

For shims and supports see accessories section.

Nscs-100-200_4p60-en_a_td

NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

NSC 32, 40, 50, 65, 80 SERIES
DIMENSIONS AND WEIGHTS (BARE SHAFT)



EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
32	140	100	18	76	4x19	1 1/4	140	89	18	63.5	4x19
40	150	110	18	84	4x19	1 1/2	150	98.5	18	73	4x19
50	165	125	20	99	4x19	2	165	120.5	20	92	4x19
65	185	145	20	118	4x19	2 1/2	185	139.5	20	105	4x19
80	200	160	22	132	8x19	3	200	152.5	22	127	8x19
100	230	180	24	157	8x19	4	230	190.5	24	157	8x19

*)...VALUE "C" AND "D" MAY VARY FROM STANDARD.

GOULDS WATER TECHNOLOGY
a xylem brand

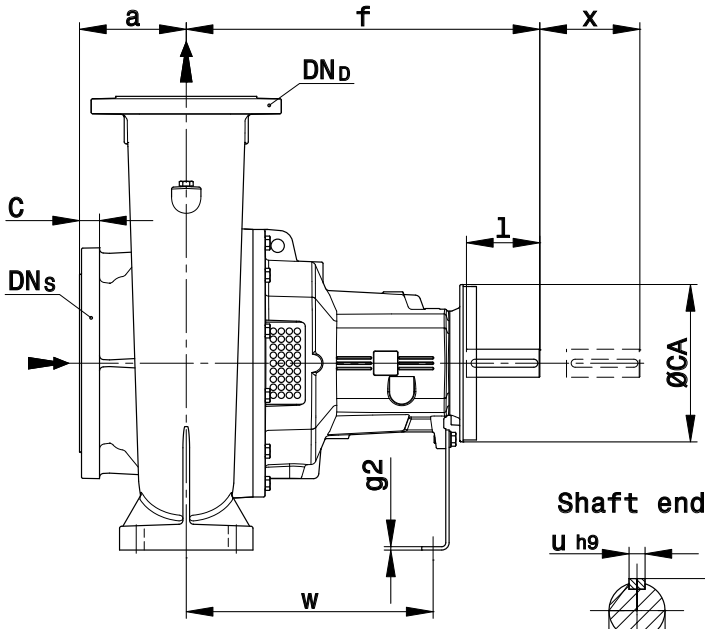
NSC 32, 40, 50, 65, 80 SERIES
DIMENSIONS AND WEIGHTS (BARE SHAFT)

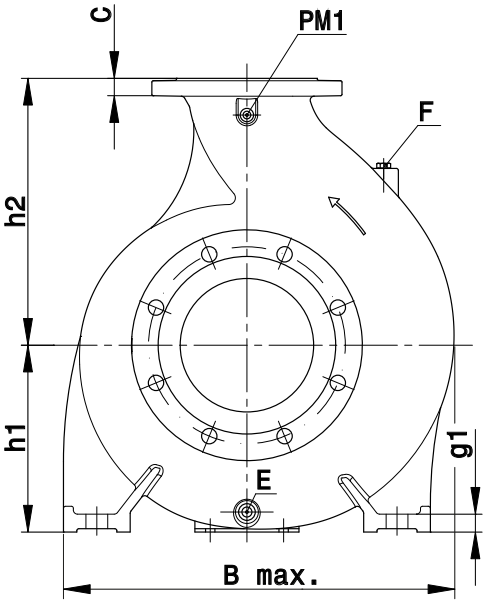
PUMP TYPE	DIMENSIONS (mm)																										WEIGHT
NSC	PUMP																				SHAFT				B	x	
(BARE SHAFT)	DNS	DND	a	b	f	g1	g2	h1	h2	m1	m2	n1	n2	n3	p1	p2	s1	s2	W	ØCA	d	l	t	u	max		kg
32-125	50	32	80	50	360	12	4	112	140	100	70	190	140	160	37	22	14	14	260	160	24	50	27	8	239	100	30
32-160	50	32	80	50	360	12	4	132	160	100	70	240	190	160	37	22	14	14	260	160	24	50	27	8	250	100	31
32-200	50	32	80	50	360	12	4	160	180	100	70	240	190	160	37	22	14	14	260	160	24	50	27	8	286	100	38
32-250	50	32	100	65	360	16	4	180	225	125	95	320	250	160	37	22	14	14	260	175	24	50	27	8	343	100	59
40-125	65	40	80	50	360	12	4	112	140	100	70	210	160	160	37	22	14	14	260	160	24	50	27	8	240	100	31
40-160	65	40	80	50	360	12	4	132	160	100	70	240	190	160	37	22	14	14	260	160	24	50	27	8	253	100	32
40-200	65	40	100	50	360	12	4	160	180	100	70	265	212	160	37	22	14	14	260	160	24	50	27	8	294	100	40
40-250	65	40	100	65	360	16	4	180	225	125	95	320	250	160	37	22	14	14	260	175	24	50	27	8	343	100	60
50-125	65	50	100	50	360	12	4	132	160	100	70	240	190	160	37	22	14	14	260	160	24	50	27	8	258	100	34
50-160	65	50	100	50	360	12	4	160	180	100	70	265	212	160	37	22	14	14	260	160	24	50	27	8	290	100	41
50-200	65	50	100	50	360	12	4	160	200	100	70	265	212	160	37	22	14	14	260	160	24	50	27	8	303	100	42
50-250	65	50	100	65	360	16	4	180	225	125	95	320	250	160	37	22	14	14	260	175	24	50	27	8	361	100	61
50-315	65	50	125	65	470	14	5	225	280	125	95	345	280	156	41	24	15	14	340	190	32	80	35	10	414	140	94
65-125	80	65	100	65	360	16	4	160	180	125	95	280	212	160	37	22	14	14	260	160	24	50	27	8	305	100	45
65-160	80	65	100	65	360	16	4	160	200	125	95	280	212	160	37	22	14	14	260	175	24	50	27	8	338	100	60
65-200	80	65	100	65	360	16	4	180	225	125	95	320	250	160	37	22	14	14	260	175	24	50	27	8	350	140	63
65-250	80	65	100	80	470	21	4	200	250	160	120	360	280	160	37	22	20	14	340	190	32	80	35	10	375	140	81
65-315	80	65	125	80	470	20	5	225	280	160	120	400	315	156	41	24	19	14	340	190	32	80	35	10	437	140	102
80-160	100	80	125	65	360	16	4	180	225	125	95	320	250	160	37	22	14	14	260	160	24	50	27	8	343	140	66
80-200	100	80	125	65	470	16	4	180	250	125	95	345	280	160	37	22	14	14	340	190	32	80	35	10	365	140	83
80-250	100	80	125	80	470	21	4	200	280	160	120	400	315	160	37	22	20	14	340	190	32	80	35	10	405	140	86
80-315	100	80	125	80	470	26	5	250	315	160	120	400	315	156	41	24	19	14	340	190	32	80	35	10	478	140	118
80-400	100	80	125	80	530	26	5	280	355	160	120	435	355	156	41	24	19	14	370	230	42	110	45	12	540	140	154

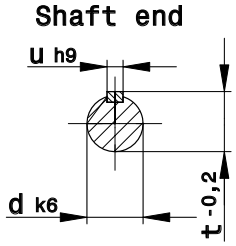
NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

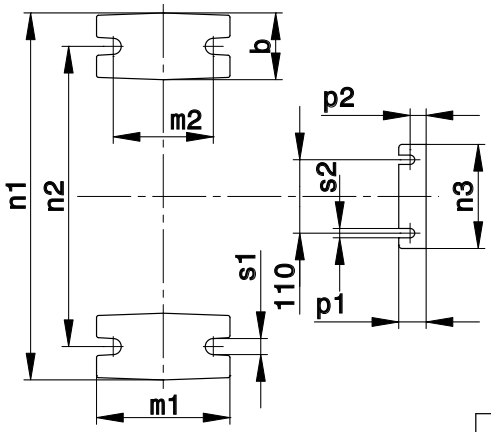
Nsc32-80bs_60-en_a_td

NSC 100, 125, 150, 200, 250, 300 SERIES
DIMENSIONS AND WEIGHTS (BARE SHAFT)

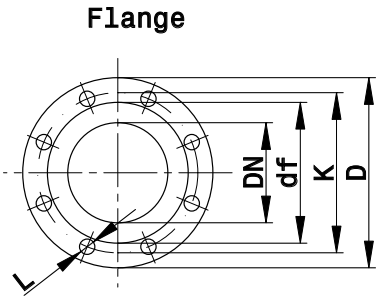








PM1..Pressure gauge connector
E....Drain
F....Filling
*)...Value C and D may vary
from standard



Connections		
	$DN_D \leq 150$	$DN_D \geq 200$
PM1	1/4"	1/2"
E	3/8"	1/2"
F	3/8"	-

EN1092-2, PN 16 *)						ASME B16.5, Class 150 RF *)					
DN	D	K	C	df	L	DN	D	K	C	df	L
100	230	180	24	157	8x19	4	230	190,5	24	157	8x18
125	255	210	26	184	8x19	5	255	216	26	186	8x22
150	285	240	26	211	8x23	6	285	241,5	26	216	8x22
200	345	295	30	266	12x23	8	345	298,5	30	270	8x22
250	405	355	32	319	12x28	10	405	362	32	324	12x26
300	485	410	32	370	12x28	12	485	432	32	381	12x26
350	535	470	36	429	16x28	14	535	476	36	413	12x29

NSC-EN_D_DD

GOULDS WATER TECHNOLOGY
a xylem brand

NSC 100, 125, 150, 200, 250, 300 SERIES
DIMENSIONS AND WEIGHTS (BARE SHAFT)

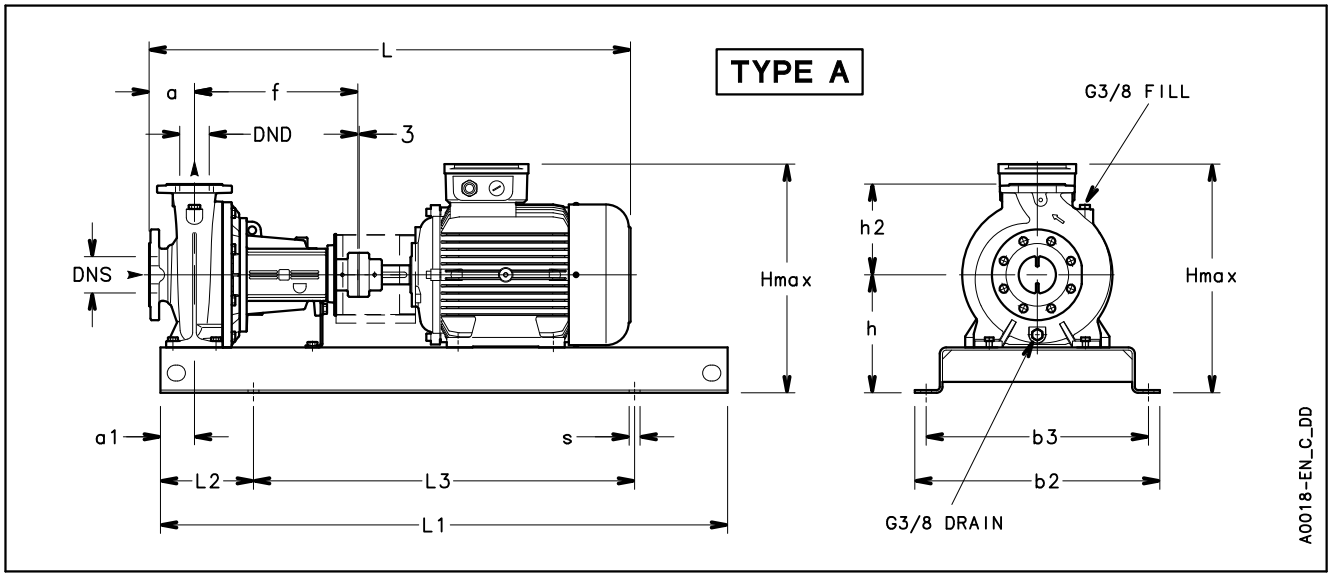
PUMP TYPE	DIMENSIONS (mm)																										WEIGHT
NSC	PUMP																			SHAFT				B	x	(kg)
(BARE SHAFT)	DNS	DND	a	b	f	g1	g2	h1	h2	m1	m2	n1	n2	n3	p1	p2	s1	s2	W	ØCA	d	l	t	u	max		G
100-160	125	100	125	80	470	26	5	200	280	160	120	360	280	156	41	24	19	14	340	190	32	80	35	10	388	140	82
100-200	125	100	125	80	470	26	5	200	280	160	120	360	280	156	41	24	19	14	340	190	32	80	35	10	390	140	90
100-250	125	100	140	80	470	26	5	225	280	160	120	400	315	156	41	24	19	14	340	190	32	80	35	10	431	140	100
100-315	125	100	140	80	470	26	5	250	315	160	120	400	315	156	41	24	19	14	340	190	32	80	35	10	482	140	116
100-400	125	100	140	100	530	26	5	280	355	200	150	500	400	156	41	24	23	14	370	230	42	110	45	12	569	140	178
125-200	150	125	140	80	470	26	5	250	315	160	120	400	315	156	41	24	19	14	340	190	32	80	35	10	468	140	112
125-250	150	125	140	80	470	26	5	250	355	160	120	400	315	156	41	24	19	14	340	190	32	80	35	10	470	140	112
125-315	150	125	140	100	530	26	5	280	355	200	150	500	400	156	41	24	23	14	370	230	42	110	45	12	518	140	152
125-400	150	125	140	100	530	26	5	315	400	200	150	500	400	156	41	24	23	14	370	230	42	110	45	12	607	140	200
150-200	200	150	160	100	470	26	5	280	400	200	150	550	450	156	41	24	23	14	340	190	32	80	35	10	603	140	166
150-250	200	150	160	100	530	26	5	280	400	200	150	500	400	156	41	24	23	14	370	230	42	110	45	12	569	140	180
150-315	200	150	160	100	530	26	5	280	400	200	150	550	450	156	41	24	23	14	370	230	42	110	45	12	586	140	186
150-400	200	150	160	100	530	26	5	315	450	200	150	550	450	156	41	24	23	14	370	230	42	110	45	12	621	140	228
150-500	200	150	180	110	770	35	8	400	500	300	250	710	600	170	58	33	28	18	525	310	60	140	64	18	751	250	408
200-250	250	200	180	100	530	26	5	355	475	200	150	550	450	156	41	24	23	14	370	230	42	110	45	12	655	200	230
200-315	250	200	180	100	530	26	5	355	450	200	150	550	450	156	41	24	23	14	370	230	42	110	45	12	645	200	234
200-400	250	200	180	110	770	35	8	400	500	300	250	710	600	170	58	33	28	18	525	310	60	140	64	18	735	250	363
200-500	250	200	200	110	770	35	8	450	560	300	250	710	600	170	58	33	28	18	525	310	60	140	64	18	761	250	400
250-315	300	250	250	110	530	35	5	400	500	300	250	710	600	156	41	24	28	14	370	230	42	110	45	12	767	200	316
250-400	300	250	200	110	770	35	8	400	560	300	250	710	600	170	58	33	28	18	525	310	60	140	64	18	754	250	400
250-500	300	250	200	110	770	35	8	450	670	300	250	710	600	170	58	33	28	18	525	310	60	140	64	18	776	250	451
300-350	350	300	250	130	800	41	8	450	600	350	290	800	670	170	58	33	32	18	555	310	60	140	64	18	895	300	544
300-400	350	300	250	130	800	41	8	450	600	350	290	800	670	170	58	33	32	18	555	310	60	140	64	18	854	300	548

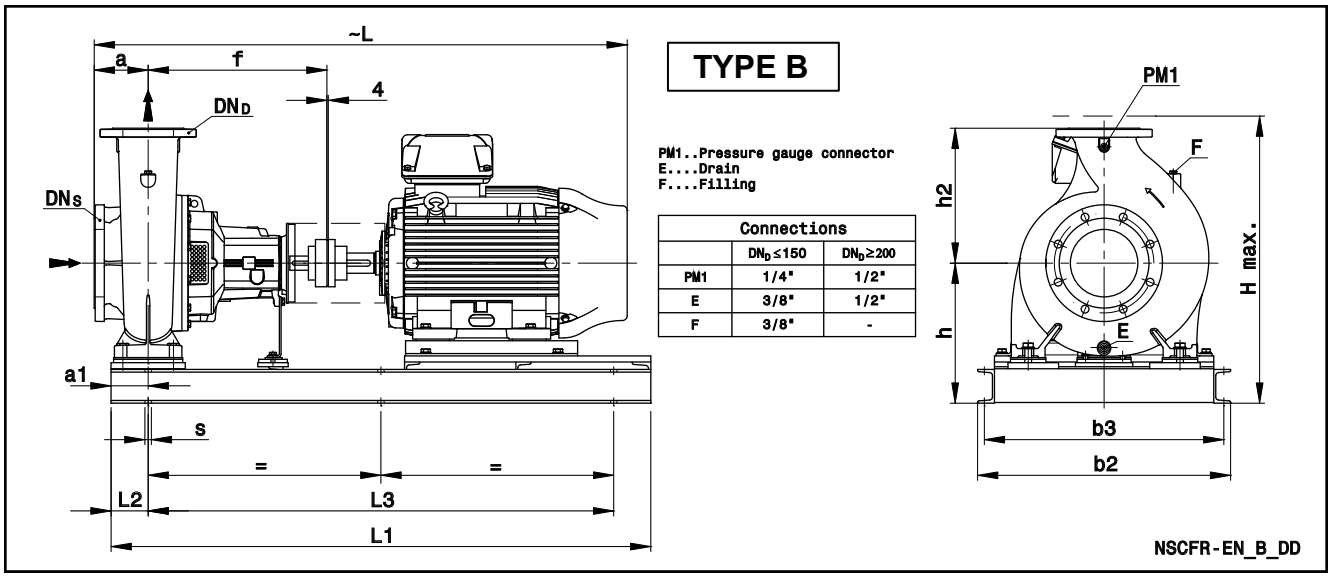
NOTE: Pumps with flanges according to EN 1092-2 as standard; available ASME B16.5 version on request.

Nsc100-300bs_60-en_a_td

GOULDS WATER TECHNOLOGY
a xylem brand

NSCF 32 SERIES (MOUNTED ON BASE)
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES





Connections		
	$DN_D \leq 150$	$DN_D \geq 200$
PM1	1/4"	1/2"
E	3/8"	1/2"
F	3/8"	-

PUMP TYPE NSCF..2	TYPE	DIMENSIONS (mm)															WEIGHT	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	H max	s FOR SCREWS	kg	
32-125/15/P	A	50	32	80	60	390	350	360	212	140	791	900	150	600	352	4xØ19 (M16)	75	B68C
32-125/22/P	A	50	32	80	60	390	350	360	212	140	791	900	150	600	352	4xØ19 (M16)	77	B68C
32-125/30/P	A	50	32	80	60	390	350	360	212	140	822	900	150	600	366	4xØ19 (M16)	84	B80A
32-125/40/P	A	50	32	80	60	390	350	360	212	140	825	900	150	600	380	4xØ19 (M16)	89	B80A
32-125/55/P	A	50	32	80	60	450	400	360	232	140	890	1000	170	660	423	4xØ24 (M20)	118	B95A
32-160/40/P	A	50	32	80	60	390	350	360	232	160	825	900	150	600	400	4xØ19 (M16)	90	B80A
32-160/55/P	A	50	32	80	60	450	400	360	232	160	890	1000	170	660	423	4xØ24 (M20)	119	B95A
32-160/75/P	A	50	32	80	60	450	400	360	232	160	890	1000	170	660	423	4xØ24 (M20)	123	B95A
32-160/110A/P	A	50	32	80	60	490	440	360	260	160	1047	1120	190	740	500	4xØ24 (M20)	152	B95B
32-200/75/P	A	50	32	80	60	450	400	360	260	180	890	1000	170	660	451	4xØ24 (M20)	130	B95A
32-200/110A/P	A	50	32	80	60	490	440	360	260	180	1047	1120	190	740	500	4xØ24 (M20)	159	B95B
32-200/110/P	A	50	32	80	60	490	440	360	260	180	1047	1120	190	740	500	4xØ24 (M20)	159	B95B
32-250/110/P	A	50	32	100	75	540	490	360	280	225	1067	1250	205	840	520	4xØ24 (M20)	187	B95B
32-250/150/P	A	50	32	100	75	540	490	360	280	225	1067	1250	205	840	520	4xØ24 (M20)	204	B95B
32-250/185/P	A	50	32	100	75	540	490	360	280	225	1067	1250	205	840	520	4xØ24 (M20)	217	B95B
32-250/220/W	A	50	32	100	75	540	490	360	280	225	1127	1250	205	840	559	4xØ24 (M20)	284	B110A

NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscf32_2p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCF 40, 50, 65 SERIES (MOUNTED ON BASE)
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES

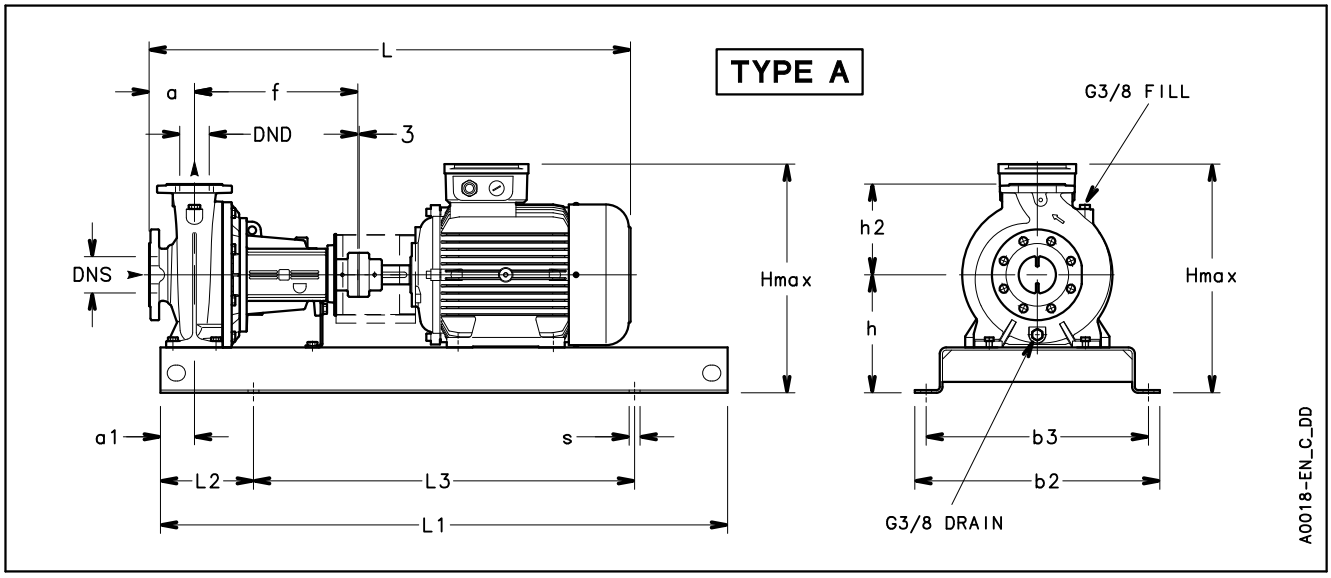
PUMP TYPE NSCF..2	TYPE	DIMENSIONS (mm)															WEIGHT	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	H max	s FOR SCREWS	kg	
40-125/30/P	A	65	40	80	60	390	350	360	212	140	822	900	150	600	366	4xØ19 (M16)	85	B80A
40-125/40/P	A	65	40	80	60	390	350	360	212	140	825	900	150	600	380	4xØ19 (M16)	90	B80A
40-125/55/P	A	65	40	80	60	450	400	360	232	140	890	1000	170	660	423	4xØ24 (M20)	119	B95A
40-125/75/P	A	65	40	80	60	450	400	360	232	140	890	1000	170	660	423	4xØ24 (M20)	123	B95A
40-160/55/P	A	65	40	80	60	450	400	360	232	160	890	1000	170	660	423	4xØ24 (M20)	120	B95A
40-160/75/P	A	65	40	80	60	450	400	360	232	160	890	1000	170	660	423	4xØ24 (M20)	124	B95A
40-160/110A/P	A	65	40	80	60	490	440	360	260	160	1047	1120	190	740	500	4xØ24 (M20)	153	B95B
40-160/110/P	A	65	40	80	60	490	440	360	260	160	1047	1120	190	740	500	4xØ24 (M20)	153	B95B
40-200/110A/P	A	65	40	100	60	490	440	360	260	180	1067	1120	190	740	500	4xØ24 (M20)	161	B95B
40-200/110/P	A	65	40	100	60	490	440	360	260	180	1067	1120	190	740	500	4xØ24 (M20)	161	B95B
40-200/150/P	A	65	40	100	60	490	440	360	260	180	1067	1120	190	740	500	4xØ24 (M20)	178	B95B
40-200/185/P	A	65	40	100	60	490	440	360	260	180	1067	1120	190	740	500	4xØ24 (M20)	191	B95B
40-250/185/P	A	65	40	100	75	540	490	360	280	225	1067	1250	205	840	520	4xØ24 (M20)	218	B95B
40-250/220/W	A	65	40	100	75	540	490	360	280	225	1127	1250	205	840	559	4xØ24 (M20)	285	B110A
40-250/300/W	A	65	40	100	75	610	550	360	310	225	1230	1400	205	940	627	4xØ28 (M24)	367	B125D
40-250/370/W	A	65	40	100	75	610	550	360	310	225	1230	1400	205	940	627	4xØ28 (M24)	388	B125D
50-125/55/P	A	65	50	100	60	450	400	360	232	160	910	1000	170	660	423	4xØ24 (M20)	122	B95A
50-125/75/P	A	65	50	100	60	450	400	360	232	160	910	1000	170	660	423	4xØ24 (M20)	126	B95A
50-125/110A/P	A	65	50	100	60	490	440	360	260	160	1067	1120	190	740	500	4xØ24 (M20)	155	B95B
50-125/110/P	A	65	50	100	60	490	440	360	260	160	1067	1120	190	740	500	4xØ24 (M20)	155	B95B
50-160/110A/P	A	65	50	100	60	490	440	360	260	180	1067	1120	190	740	500	4xØ24 (M20)	162	B95B
50-160/110/P	A	65	50	100	60	490	440	360	260	180	1067	1120	190	740	500	4xØ24 (M20)	162	B95B
50-160/150/P	A	65	50	100	60	490	440	360	260	180	1067	1120	190	740	500	4xØ24 (M20)	179	B95B
50-160/185/P	A	65	50	100	60	490	440	360	260	180	1067	1120	190	740	500	4xØ24 (M20)	192	B95B
50-200/185/P	A	65	50	100	60	490	440	360	260	200	1067	1120	190	740	500	4xØ24 (M20)	193	B95B
50-200/220/P	A	65	50	100	60	540	490	360	280	200	1127	1250	205	840	559	4xØ24 (M20)	267	B110A
50-200300/W	A	65	50	100	60	610	550	360	310	200	1230	1400	230	940	627	4xØ28 (M24)	349	B125D
50-250/220/W	A	65	50	100	75	540	490	360	280	225	1127	1250	205	840	559	4xØ28 (M24)	286	B110A
50-250/300/W	A	65	50	100	75	610	550	360	310	225	1230	1400	230	940	627	4xØ28 (M24)	368	B125D
50-250/370/W	A	65	50	100	75	610	550	360	310	225	1230	1400	230	940	627	4xØ28 (M24)	389	B125D
50-315/550/W	B	65	50	125	110	750	710	470	405	280	1564	1550	110	1330	807	6xØ19 (M16)	678	B140A
50-315/750/W	B	65	50	125	110	750	710	470	405	280	1670	1550	110	1330	877	6xØ19 (M16)	864	B160A
65-125/75/P	A	80	65	100	75	450	400	360	260	180	910	1000	170	660	451	4xØ24 (M20)	137	B95A
65-125/110A/P	A	80	65	100	75	490	440	360	260	180	1067	1120	190	740	500	4xØ24 (M20)	167	B95B
65-125/110/P	A	80	65	100	75	490	440	360	260	180	1067	1120	190	740	500	4xØ24 (M20)	167	B95B
65-160/150/P	A	80	65	100	75	540	490	360	260	200	1067	1250	205	840	500	4xØ24 (M20)	205	B95B
65-160/185/P	A	80	65	100	75	540	490	360	260	200	1067	1250	205	840	500	4xØ24 (M20)	218	B95B
65-160/220/P	A	80	65	100	75	540	490	360	280	200	1127	1250	205	840	559	4xØ24 (M20)	285	B110A
65-160/300/P	A	80	65	100	75	610	550	360	310	200	1230	1400	230	940	627	4xØ28 (M24)	367	B125D
65-200/220/W	A	80	65	100	75	540	490	360	280	225	1127	1250	205	840	559	4xØ24 (M20)	288	B110A
65-200/300/W	A	80	65	100	75	610	550	360	310	225	1230	1400	230	940	627	4xØ28 (M24)	370	B125D
65-200/370/W	A	80	65	100	75	610	550	360	310	225	1230	1400	230	940	627	4xØ28 (M24)	391	B125D
65-250/450/W	A	80	65	100	90	610	550	470	365	250	1429	1400	230	940	749	4xØ28 (M24)	571	B125B
65-250/550/W	A	80	65	100	90	660	600	470	390	250	1538	1600	270	1060	792	4xØ28 (M24)	712	B140A
65-250/750/W	A	80	65	100	90	730	670	470	420	250	1645	1800	300	1200	892	4xØ28 (M24)	959	B160A
65-315/750/W	B	80	65	125	110	750	710	470	390	280	1670	1550	110	1330	862	6xØ19 (M16)	862	B160A
65-315/900/W	B	80	65	125	110	750	710	470	390	280	1670	1550	110	1330	862	6xØ19 (M16)	942	B160A
65-315/1100/W	B	80	65	125	110	750	710	470	390	280	1670	1550	110	1330	862	6xØ19 (M16)	992	B160A

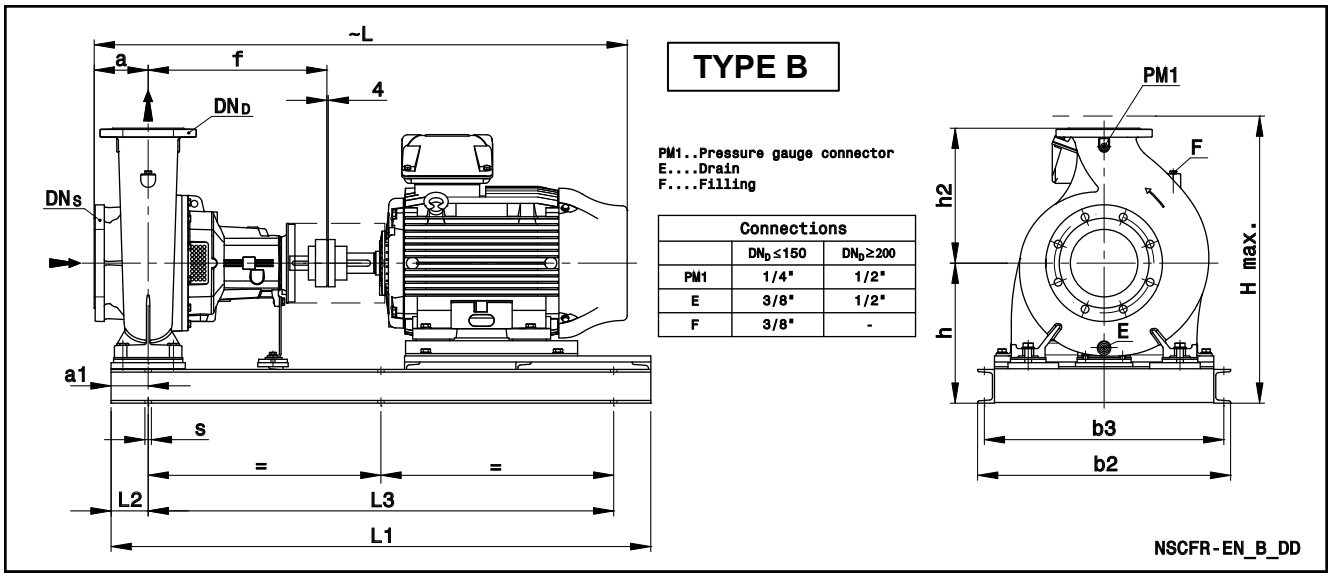
NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscf40-65-2p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

NSCF 80, 100, 125 SERIES (MOUNTED ON BASE)
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES





Connections		
	$DN_D \leq 150$	$DN_D \geq 200$
PM1	1/4"	1/2"
E	3/8"	1/2"
F	3/8"	-

GOULDS WATER TECHNOLOGY
a xylem brand

NSCF 80, 100, 125 SERIES (MOUNTED ON BASE)
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES

PUMP TYPE NSCF..2	TYPE	DIMENSIONS (mm)															WEIGHT (kg)	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	H max	s FOR SCREWS	G	
80-160/185/P	A	100	80	125	75	540	490	360	280	225	1092	1250	205	840	520	4xØ24 (M20)	224	B95B
80-160/220/W	A	100	80	125	75	540	490	360	280	225	1152	1250	205	840	559	4xØ24 (M20)	291	B110A
80-160/300/W	A	100	80	125	75	610	550	360	310	225	1255	1400	230	940	627	4xØ28 (M24)	373	B125D
80-160/370/W	A	100	80	125	75	610	550	360	310	225	1255	1400	230	940	627	4xØ28 (M24)	394	B125D
80-200/450/W	A	100	80	125	75	610	550	470	365	250	1454	1400	230	940	749	4xØ28 (M24)	573	B125B
80-200/550/W	A	100	80	125	75	660	600	470	390	250	1563	1600	270	1060	792	4xØ28 (M24)	714	B140A
80-200/750/W	A	100	80	125	75	730	670	470	420	250	1669	1800	300	1200	892	4xØ28 (M24)	961	B160A
80-250/550/W	A	100	80	125	90	660	600	470	390	280	1563	1600	270	1060	792	4xØ28 (M24)	717	B140A
80-250/750/W	A	100	80	125	90	730	670	470	420	280	1669	1800	300	1200	892	4xØ28 (M24)	964	B160A
100-160/300/W	B	125	100	125	110	560	520	470	330	280	1366	1350	110	1130	647	6xØ19 (M16)	403	B125B
100-160/370/W	B	125	100	125	110	560	520	470	330	280	1366	1350	110	1130	647	6xØ19 (M16)	428	B125B
100-160/450/W	B	125	100	125	110	560	520	470	355	280	1455	1350	110	1130	739	6xØ19 (M16)	566	B125B
100-160/550/W	B	125	100	125	110	750	710	470	405	280	1564	1550	110	1330	807	6xØ19 (M16)	672	B140A
100-200/550/W	B	125	100	125	110	750	710	470	405	280	1564	1550	110	1330	807	6xØ19 (M16)	680	B140A
100-200/750/W	B	125	100	125	110	750	710	470	390	280	1670	1550	110	1330	862	6xØ19 (M16)	856	B160A
100-200/900/W	B	125	100	125	110	750	710	470	390	280	1670	1550	110	1330	862	6xØ19 (M16)	936	B160A
100-200/1100/W	B	125	100	125	110	750	710	470	390	280	1670	1550	110	1330	862	6xØ19 (M16)	986	B160A
100-250/900/W	B	125	100	140	110	750	710	470	390	280	1685	1550	110	1330	862	6xØ19 (M16)	939	B160A
100-250/1100/W	B	125	100	140	110	750	710	470	390	280	1685	1550	110	1330	862	6xØ19 (M16)	989	B160A
125-200/750/W	B	150	125	140	110	750	710	470	405	315	1685	1550	110	1330	877	6xØ19 (M16)	873	B160A
125-200/900/W	B	150	125	140	110	750	710	470	405	315	1685	1550	110	1330	877	6xØ19 (M16)	953	B160A
125-200/1100/W	B	150	125	140	110	750	710	470	405	315	1685	1550	110	1330	877	6xØ19 (M16)	1003	B160A

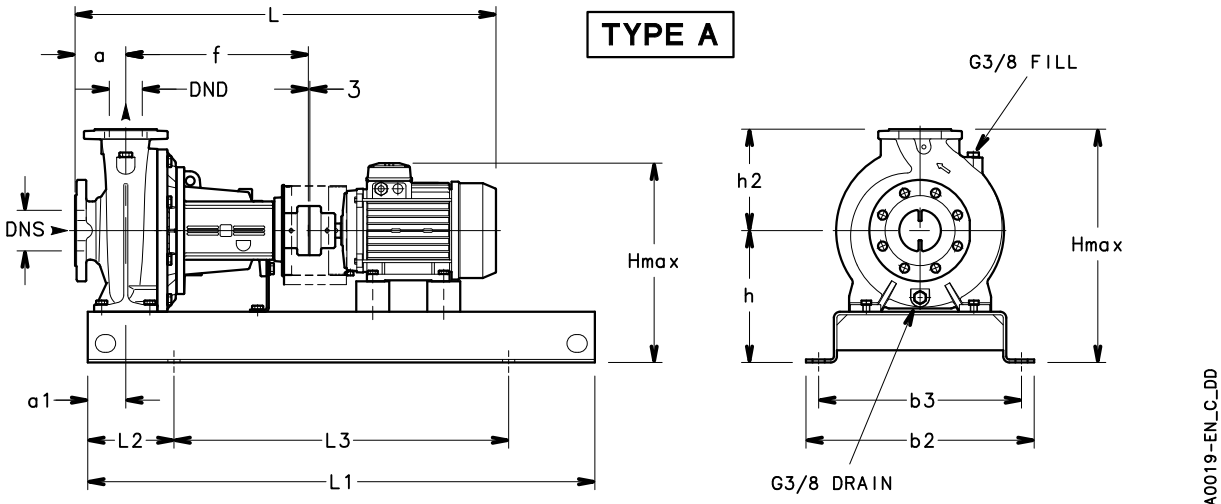
NOTE: Pumps with flanges according to EN 1092-2 as standard.

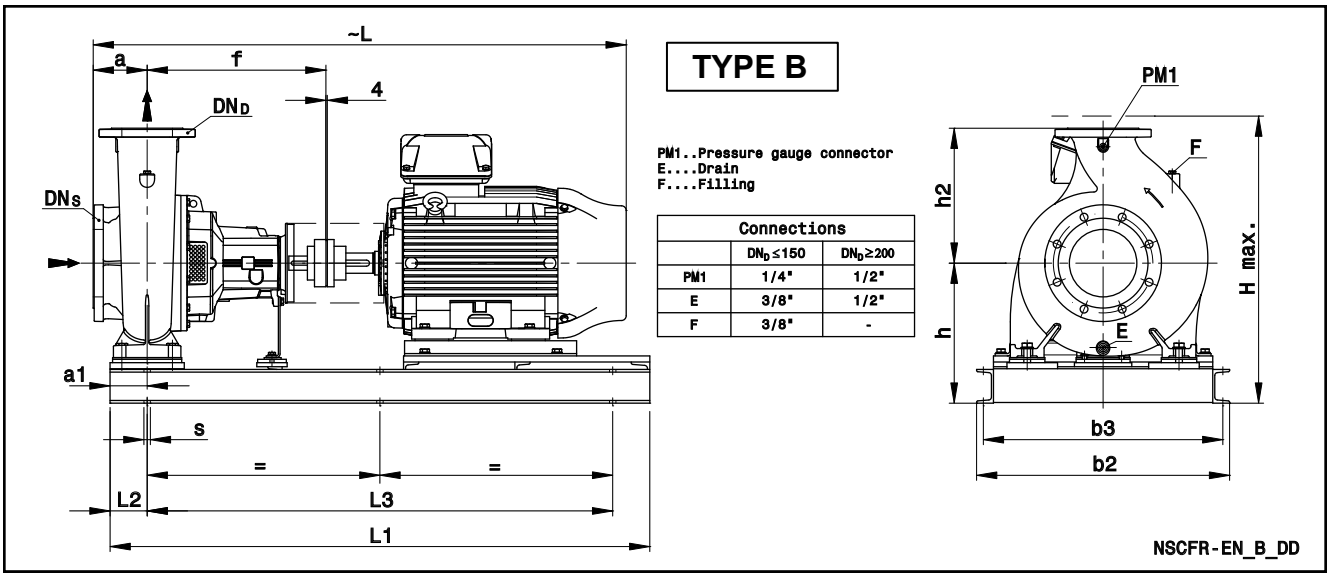
Nscf80-125-2p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCF 32 SERIES (MOUNTED ON BASE)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES





PUMP TYPE NSCF..4	TYPE	DIMENSIONS (mm)															WEIGHT	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	H max	s FOR SCREWS	kg	
32-125/02/S	A	50	32	80	60	360	320	360	212	140	704	800	130	540	352	4xØ19 (M16)	61	B68A
32-125/03/S	A	50	32	80	60	360	320	360	212	140	704	800	130	540	352	4xØ19 (M16)	62	B68A
32-125/05/S	A	50	32	80	60	360	320	360	212	140	746	800	130	540	352	4xØ19 (M16)	65	B68B
32-125/07/X	A	50	32	80	60	360	320	360	212	140	714	800	130	540	352	4xØ19 (M16)	68	B68B
32-160/05/S	A	50	32	80	60	360	320	360	232	160	746	800	130	540	392	4xØ19 (M16)	66	B68B
32-160/07/X	A	50	32	80	60	360	320	360	232	160	714	800	130	540	392	4xØ19 (M16)	69	B68B
32-160/11/P	A	50	32	80	60	390	350	360	232	160	791	900	150	600	392	4xØ19 (M16)	78	B68C
32-200/11/P	A	50	32	80	60	390	350	360	260	180	791	900	150	600	440	4xØ19 (M16)	85	B68C
32-200/15/P	A	50	32	80	60	390	350	360	260	180	791	900	150	600	440	4xØ19 (M16)	90	B68C
32-200/22/P	A	50	32	80	60	390	350	360	260	180	868	900	150	600	440	4xØ19 (M16)	100	B68C
32-250/22/P	A	50	32	100	75	450	400	360	280	225	888	1000	170	660	505	4xØ24 (M20)	127	B80A
32-250/30A/P	A	50	32	100	75	450	400	360	280	225	905	1000	170	660	505	4xØ24 (M20)	132	B80A
32-250/30/P	A	50	32	100	75	450	400	360	280	225	905	1000	170	660	505	4xØ24 (M20)	132	B80A
32-250/40/P	A	50	32	100	75	450	400	360	280	225	921	1000	170	660	505	4xØ24 (M20)	151	B80A

NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscf32_4p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCF 40, 50, 65 SERIES (MOUNTED ON BASE)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

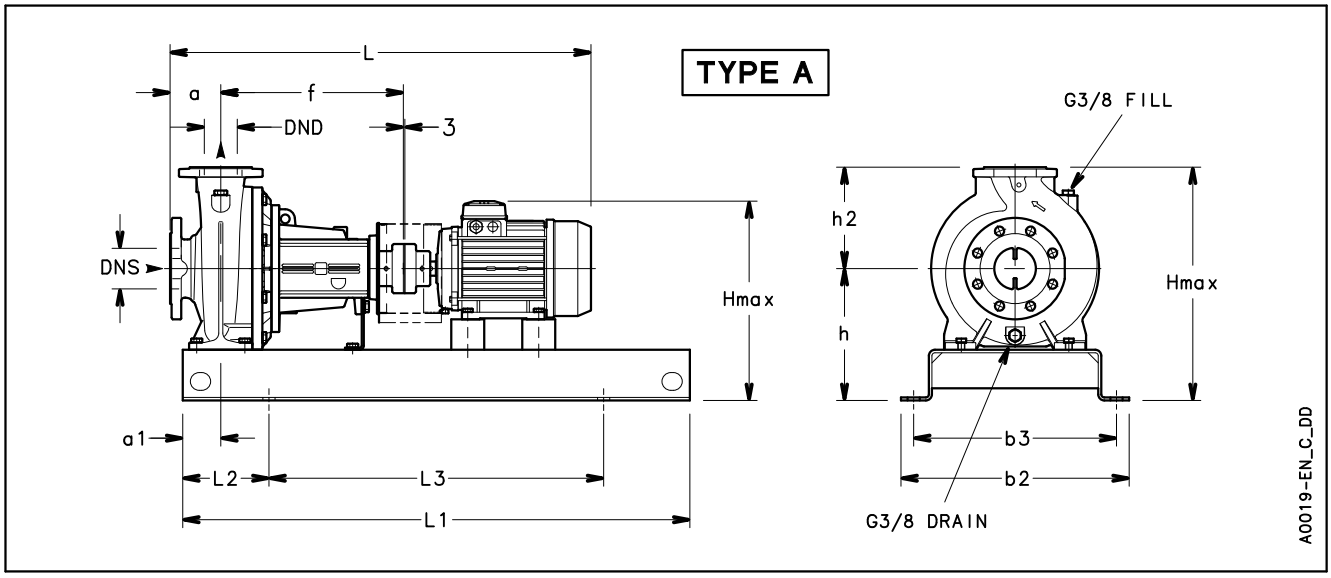
PUMP TYPE NSCF..4	TYPE	DIMENSIONS (mm)															WEIGHT	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	H max	s FOR SCREWS	kg	
40-125/03/S	A	65	40	80	60	360	320	360	212	140	704	800	130	540	352	4xØ19 (M16)	63	B68A
40-125/05/S	A	65	40	80	60	360	320	360	212	140	746	800	130	540	352	4xØ19 (M16)	66	B68B
40-125/07/X	A	65	40	80	60	360	320	360	212	140	714	800	130	540	352	4xØ19 (M16)	69	B68B
40-125/11/P	A	65	40	80	60	390	350	360	212	140	791	900	150	600	352	4xØ19 (M16)	78	B68C
40-160/07/X	A	65	40	80	60	360	320	360	232	160	714	800	130	540	392	4xØ19 (M16)	70	B68B
40-160/11/P	A	65	40	80	60	390	350	360	232	160	791	900	150	600	392	4xØ19 (M16)	79	B68C
40-160/15A/P	A	65	40	80	60	390	350	360	232	160	791	900	150	600	392	4xØ19 (M16)	84	B68C
40-160/15/P	A	65	40	80	60	390	350	360	232	160	791	900	150	600	392	4xØ19 (M16)	84	B68C
40-200/15/P	A	65	40	100	60	390	350	360	260	180	811	900	150	600	440	4xØ19 (M16)	92	B68C
40-200/22/P	A	65	40	100	60	390	350	360	260	180	888	900	150	600	440	4xØ19 (M16)	102	B80A
40-200/30/P	A	65	40	100	60	390	350	360	260	180	905	900	150	600	440	4xØ19 (M16)	107	B80A
40-250/22/P	A	65	40	100	75	450	400	360	280	225	888	1000	170	660	505	4xØ24 (M20)	128	B80A
40-250/30/P	A	65	40	100	75	450	400	360	280	225	905	1000	170	660	505	4xØ24 (M20)	133	B80A
40-250/40/P	A	65	40	100	75	450	400	360	280	225	921	1000	170	660	505	4xØ24 (M20)	152	B80A
40-250/55/P	A	65	40	100	75	490	440	360	280	225	948	1120	190	740	505	4xØ24 (M20)	167	B95A
50-125/07/X	A	65	50	100	60	360	320	360	232	160	734	800	130	540	392	4xØ19 (M16)	72	B68B
50-125/11A/P	A	65	50	100	60	390	350	360	232	160	811	900	150	600	392	4xØ19 (M16)	81	B68C
50-125/11/P	A	65	50	100	60	390	350	360	232	160	811	900	150	600	392	4xØ19 (M16)	81	B68C
50-125/15/P	A	65	50	100	60	390	350	360	232	160	811	900	150	600	392	4xØ19 (M16)	86	B68C
50-160/11/P	A	65	50	100	60	390	350	360	260	180	811	900	150	600	440	4xØ19 (M16)	88	B68C
50-160/15/P	A	65	50	100	60	390	350	360	260	180	811	900	150	600	440	4xØ19 (M16)	93	B68C
50-160/22/P	A	65	50	100	60	390	350	360	260	180	888	900	150	600	440	4xØ19 (M16)	103	B80A
50-160/30/P	A	65	50	100	60	390	350	360	260	180	905	900	150	600	440	4xØ19 (M16)	108	B80A
50-200/22/P	A	65	50	100	60	390	350	360	260	200	888	900	150	600	460	4xØ19 (M16)	104	B80A
50-200/30A/P	A	65	50	100	60	390	350	360	260	200	905	900	150	600	460	4xØ19 (M16)	109	B80A
50-200/30/P	A	65	50	100	60	390	350	360	260	200	905	900	150	600	460	4xØ19 (M16)	109	B80A
50-200/40/P	A	65	50	100	60	390	350	360	260	200	921	900	150	600	460	4xØ19 (M16)	128	B80A
50-250/40/P	A	65	50	100	75	450	400	360	280	225	921	1000	170	660	505	4xØ24 (M20)	153	B80A
50-250/55/P	A	65	50	100	75	490	440	360	280	225	948	1120	190	740	505	4xØ24 (M20)	168	B95A
50-250/75/P	A	65	50	100	75	490	440	360	280	225	948	1120	190	740	505	4xØ24 (M20)	172	B95A
50-315/75/P	B	65	50	125	110	670	630	470	385	280	1084	1100	110	880	665	6xØ19 (M16)	258	B95D
50-315/110/P	B	65	50	125	110	670	630	470	365	280	1203	1330	110	1110	645	6xØ19 (M16)	332	B95E
50-315/150/P	B	65	50	125	110	670	630	470	365	280	1203	1330	110	1110	645	6xØ19 (M16)	338	B110E
65-125/11A/P	A	80	65	100	75	390	350	360	260	180	811	900	150	600	440	4xØ19 (M16)	92	B68C
65-125/11/P	A	80	65	100	75	390	350	360	260	180	811	900	150	600	440	4xØ19 (M16)	92	B68C
65-125/15/P	A	80	65	100	75	390	350	360	260	180	811	900	150	600	440	4xØ19 (M16)	97	B68C
65-125/22/P	A	80	65	100	75	390	350	360	260	180	888	900	150	600	440	4xØ19 (M16)	107	B80A
65-160/22A/P	A	80	65	100	75	450	400	360	260	200	888	1000	170	660	460	4xØ24 (M20)	128	B80A
65-160/22/P	A	80	65	100	75	450	400	360	260	200	888	1000	170	660	460	4xØ24 (M20)	128	B80A
65-160/30/P	A	80	65	100	75	450	400	360	260	200	905	1000	170	660	460	4xØ24 (M20)	133	B80A
65-160/40/P	A	80	65	100	75	450	400	360	260	200	921	1000	170	660	460	4xØ24 (M20)	152	B80A
65-200/30/P	A	80	65	100	75	490	440	360	280	225	905	1120	190	740	505	4xØ24 (M20)	142	B80A
65-200/40/P	A	80	65	100	75	490	440	360	280	225	921	1120	190	740	505	4xØ24 (M20)	161	B80A
65-200/55A/P	A	80	65	100	75	490	440	360	280	225	948	1120	190	740	505	4xØ24 (M20)	170	B95A
65-200/55/P	A	80	65	100	75	490	440	360	280	225	948	1120	190	740	505	4xØ24 (M20)	170	B95A
65-200/75/P	A	80	65	100	75	490	440	360	280	225	948	1120	190	740	505	4xØ24 (M20)	174	B95A
65-250/110A/P	A	80	65	100	90	540	490	470	310	250	1177	1250	205	840	560	4xØ24 (M20)	255	B95E
65-250/110/P	A	80	65	100	90	540	490	470	310	250	1177	1250	205	840	560	4xØ24 (M20)	255	B95E
65-315/110/P	B	80	65	125	110	670	630	470	365	280	1203	1330	110	1110	645	6xØ19 (M16)	340	B95E
65-315/150/P	B	80	65	125	110	670	630	470	365	280	1203	1330	110	1110	645	6xØ19 (M16)	345	B110E
65-315/185/W	B	80	65	125	110	670	630	470	385	280	1263	1330	110	1110	665	6xØ19 (M16)	390	B110B
65-315/220/W	B	80	65	125	110	670	630	470	385	280	1301	1330	110	1110	665	6xØ19 (M16)	407	B110B

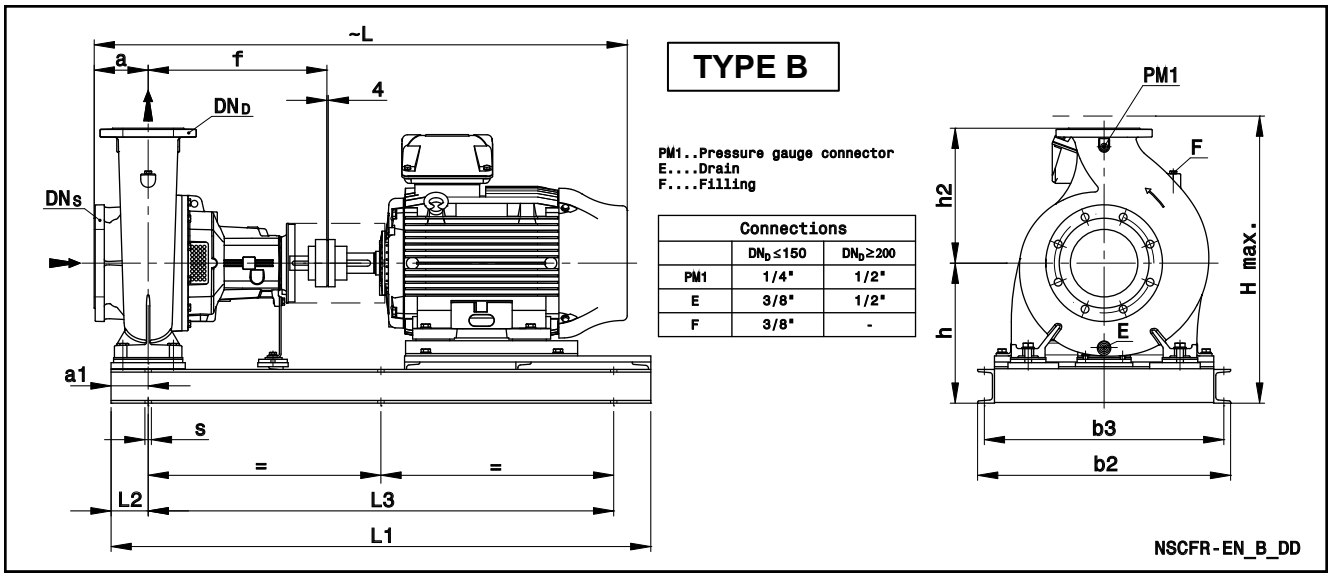
NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscf40-65_4p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

NSCF 80, 100, 125 SERIES (MOUNTED ON BASE)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES





Connections		
	$DN_D \leq 150$	$DN_D \geq 200$
PM1	1/4"	1/2"
E	3/8"	1/2"
F	3/8"	-

GOULDS WATER TECHNOLOGY
a xylem brand

NSCF 80, 100, 125 SERIES (MOUNTED ON BASE)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

PUMP TYPE NSCF..4	TYPE	DIMENSIONS (mm)													H	s	WEIGHT (kg)	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	max	FOR SCREWS	G	
80-160/22/P	A	100	80	125	75	490	440	360	280	225	913	1120	190	740	505	4xØ24 (M20)	140	B80A
80-160/30/P	A	100	80	125	75	490	440	360	280	225	931	1120	190	740	505	4xØ24 (M20)	145	B80A
80-160/40/P	A	100	80	125	75	490	440	360	280	225	973	1120	190	740	505	4xØ24 (M20)	164	B80A
80-160/55/P	A	100	80	125	75	490	440	360	280	225	973	1120	190	740	505	4xØ24 (M20)	173	B95A
80-200/55/P	A	100	80	125	75	490	440	470	280	250	1083	1120	190	740	530	4xØ24 (M20)	191	B95D
80-200/75/P	A	100	80	125	75	490	440	470	280	250	1083	1120	190	740	530	4xØ24 (M20)	195	B95D
80-200110/P	A	100	80	125	75	540	490	470	280	250	1202	1250	205	840	530	4xØ24 (M20)	256	B95E
80-250/75/P	A	100	80	125	90	540	490	470	310	280	1083	1250	205	840	590	4xØ24 (M20)	204	B95D
80-250/110A/P	A	100	80	125	90	540	490	470	310	280	1202	1250	205	840	590	4xØ24 (M20)	259	B95E
80-250/110/P	A	100	80	125	90	540	490	470	310	280	1202	1250	205	840	590	4xØ24 (M20)	259	B95E
80-250/150/P	A	100	80	125	90	540	490	470	310	280	1202	1250	205	840	590	4xØ24 (M20)	264	B95E
100-160/40/P	B	125	100	125	110	670	630	470	365	280	1057	1100	110	880	645	6xØ19 (M16)	240	B95C
100-160/55/P	B	125	100	125	110	670	630	470	385	280	1084	1100	110	880	665	6xØ19 (M16)	248	B95D
100-160/75/P	B	125	100	125	110	670	630	470	385	280	1084	1100	110	880	665	6xØ19 (M16)	253	B95D
100-200/55/P	B	125	100	125	110	670	630	470	385	280	1084	1100	110	880	665	6xØ19 (M16)	256	B95D
100-200/75/P	B	125	100	125	110	670	630	470	385	280	1084	1100	110	880	665	6xØ19 (M16)	261	B95D
100-200/110/P	B	125	100	125	110	670	630	470	365	280	1203	1330	110	1110	645	6xØ19 (M16)	335	B95E
100-200/150/P	B	125	100	125	110	670	630	470	365	280	1203	1330	110	1110	645	6xØ19 (M16)	340	B110E
100-250/110/P	B	125	100	140	110	670	630	470	365	280	1218	1330	110	1110	645	6xØ19 (M16)	338	B95E
100-250/150/P	B	125	100	140	110	670	630	470	365	280	1218	1330	110	1110	645	6xØ19 (M16)	343	B110E
100-250/185/W	B	125	100	140	110	670	630	470	385	280	1278	1330	110	1110	665	6xØ19 (M16)	388	B110B
100-315/220/W	B	125	100	140	110	670	630	470	385	315	1316	1330	110	1110	700	6xØ19 (M16)	413	B110B
100-315/300/W	B	125	100	140	110	560	520	470	355	315	1381	1350	110	1130	672	6xØ19 (M16)	439	B125B
100-315/370/W	B	125	100	140	110	750	710	470	405	315	1500	1550	110	1330	789	6xØ19 (M16)	632	B140A
100-315/450/W	B	125	100	140	110	750	710	470	405	315	1500	1550	110	1330	789	6xØ19 (M16)	667	B140A
100-400/450/W	B	125	100	140	110	750	710	530	415	355	1560	1600	110	1380	799	6xØ19 (M16)	737	B140B
100-400/550/W	B	125	100	140	110	750	710	530	440	355	1639	1600	110	1380	842	6xØ19 (M16)	791	B160B
100-400/750/W	B	125	100	140	110	750	710	530	425	355	1745	1600	110	1380	897	6xØ19 (M16)	957	B180B
125-200/75/P	B	150	125	140	110	670	630	470	385	315	1099	1100	110	880	700	6xØ19 (M16)	268	B95D
125-200/110/P	B	150	125	140	110	670	630	470	365	315	1218	1330	110	1110	680	6xØ19 (M16)	343	B95E
125-200/150/P	B	150	125	140	110	670	630	470	365	315	1218	1330	110	1110	680	6xØ19 (M16)	348	B110E
125-200/185/W	B	150	125	140	110	670	630	470	385	315	1278	1330	110	1110	700	6xØ19 (M16)	392	B110B
125-250/150/P	B	150	125	140	110	670	630	470	365	355	1218	1330	110	1110	720	6xØ19 (M16)	348	B110E
125-250/185/W	B	150	125	140	110	670	630	470	385	355	1278	1330	110	1110	740	6xØ19 (M16)	392	B110B
125-250/220/W	B	150	125	140	110	670	630	470	385	355	1316	1330	110	1110	740	6xØ19 (M16)	409	B110B
125-250/300/W	B	150	125	140	110	560	520	470	355	355	1381	1350	110	1130	710	6xØ19 (M16)	435	B125B
125-315/300/W	B	150	125	140	110	670	630	530	420	355	1441	1430	110	1210	775	6xØ19 (M16)	502	B125C
125-315/370/W	B	150	125	140	110	750	710	530	415	355	1560	1600	110	1380	799	6xØ19 (M16)	676	B140B
125-315/450/W	B	150	125	140	110	750	710	530	415	355	1560	1600	110	1380	799	6xØ19 (M16)	711	B140B
125-315/550/W	B	150	125	140	110	750	710	530	440	355	1639	1600	110	1380	842	6xØ19 (M16)	765	B160B
125-315/750/W	B	150	125	140	110	750	710	530	440	355	1745	1600	110	1380	912	6xØ19 (M16)	942	B180B
125-400/550/W	B	150	125	140	110	750	710	530	440	400	1639	1600	110	1380	842	6xØ19 (M16)	798	B160B
125-400/750/W	B	150	125	140	110	750	710	530	440	400	1745	1600	110	1380	912	6xØ19 (M16)	976	B180B
125-400/900/W	B	150	125	140	110	750	710	530	440	400	1745	1600	110	1380	912	6xØ19 (M16)	1046	B180B
125-400/1100/W	B	150	125	140	110	750	710	530	440	400	1745	1600	110	1380	912	6xØ19 (M16)	1146	B180B

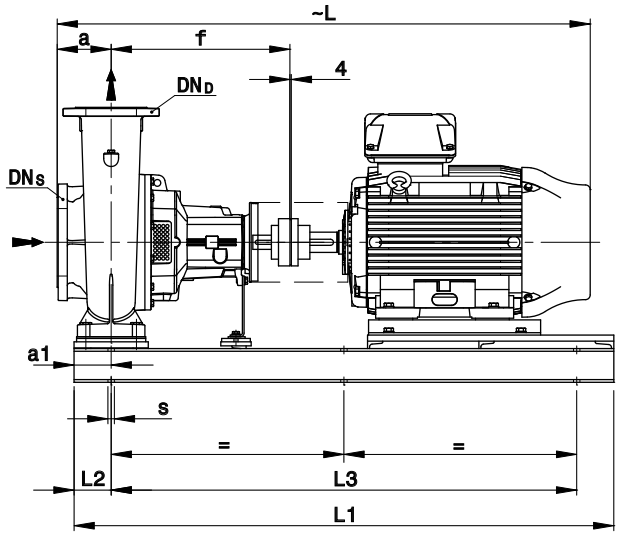
NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscf80-125_4p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

GOULDS WATER TECHNOLOGY
a xylem brand

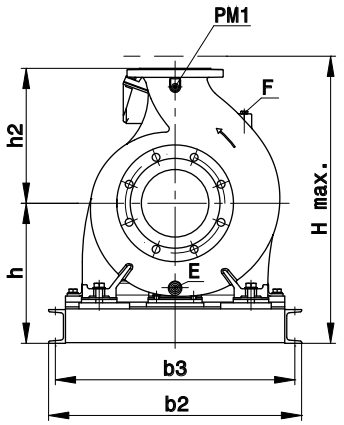
NSCF 150 SERIES (MOUNTED ON BASE)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES



TYPE B

PM1..Pressure gauge connector
E....Drain
F....Filling

Connections		
	$DN_D \leq 150$	$DN_D \geq 200$
PM1	1/4"	1/2"
E	3/8"	1/2"
F	3/8"	-



NSCFR-EN_B_DD

PUMP TYPE NSCF..4	TYPE	DIMENSIONS (mm)													H	s	WEIGHT (kg)	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	max	FOR SCREWS	G	
150-200/150/P	B	200	150	160	110	670	630	470	385	400	1238	1330	110	1110	785	6xØ19 (M16)	405	B110E
150-200/185/W	B	200	150	160	110	670	630	470	385	400	1298	1330	110	1110	785	6xØ19 (M16)	438	B110B
150-200/220/W	B	200	150	160	110	670	630	470	385	400	1336	1330	110	1110	785	6xØ19 (M16)	455	B110B
150-250/220/W	B	200	150	160	110	670	630	530	400	400	1396	1430	110	1210	800	6xØ19 (M16)	477	B110D
150-250/300/W	B	200	150	160	110	670	630	530	420	400	1461	1430	110	1210	820	6xØ19 (M16)	530	B125C
150-250/370/W	B	200	150	160	110	750	710	530	415	400	1580	1600	110	1380	815	6xØ19 (M16)	704	B140B
150-250/450/W	B	200	150	160	110	750	710	530	415	400	1580	1600	110	1380	815	6xØ19 (M16)	739	B140B
150-315/450/W	B	200	150	160	110	750	710	530	415	400	1580	1600	110	1380	815	6xØ19 (M16)	745	B140B
150-315/550/W	B	200	150	160	110	750	710	530	440	400	1659	1600	110	1380	842	6xØ19 (M16)	799	B160B
150-315/750/W	B	200	150	160	110	750	710	530	440	400	1765	1600	110	1380	912	6xØ19 (M16)	976	B180B
150-315/900/W	B	200	150	160	110	750	710	530	440	400	1765	1600	110	1380	912	6xØ19 (M16)	1046	B180B
150-400/750/W	B	200	150	160	110	750	710	530	440	450	1765	1600	110	1380	912	6xØ19 (M16)	1004	B180B
150-400/900/W	B	200	150	160	110	750	710	530	440	450	1765	1600	110	1380	912	6xØ19 (M16)	1074	B180B
150-400/1100/W	B	200	150	160	110	750	710	530	440	450	1765	1600	110	1380	912	6xØ19 (M16)	1174	B180B
150-500/1600/W	B	200	150	180	165	860	810	770	585	500	2228	2000	165	1670	1115	6xØ26 (M20)	1748	B200A
150-500/2000/W	B	200	150	180	165	860	810	770	585	500	2337	2000	165	1670	1160	6xØ26 (M20)	1873	B225A
150-500/2500/W	B	200	150	180	165	860	810	770	585	500	2337	2000	165	1670	1160	6xØ26 (M20)	2103	B225A
150-500/3150/W	B	200	150	180	165	1000	930	770	625	500	2436	2200	165	1870	1250	6xØ29 (M24)	2520	B250A

NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscf150_4p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCF 200, 250, 300 SERIES (MOUNTED ON BASE) DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

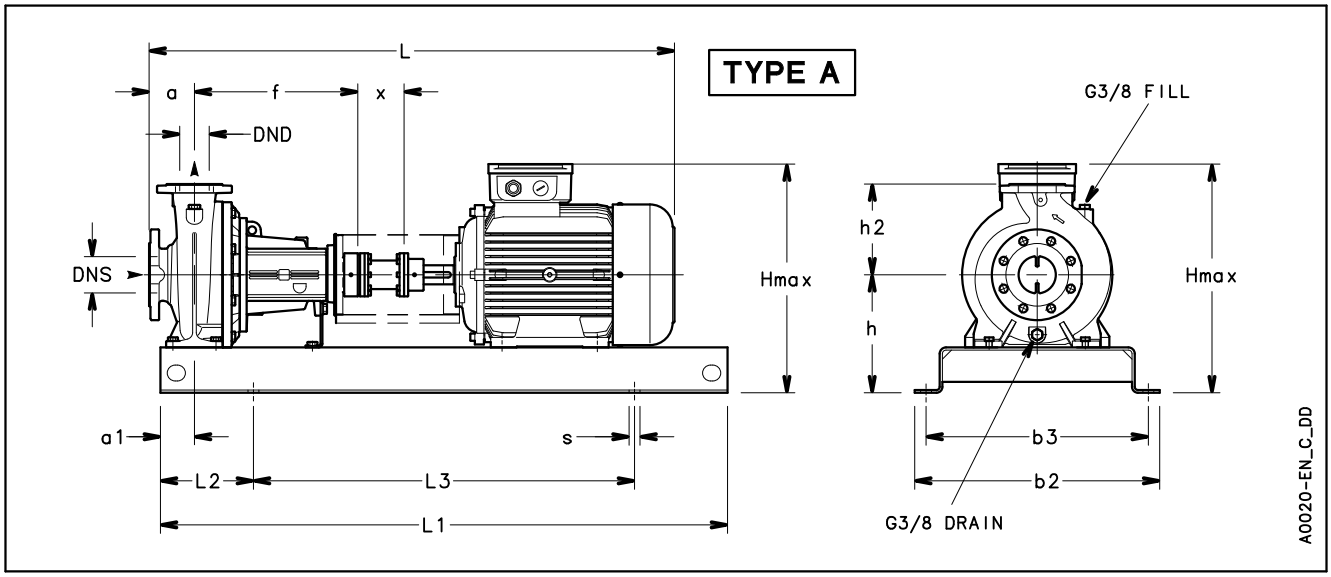
PUMP TYPE NSCF..4	TYPE	DIMENSIONS (mm)															WEIGHT (kg)	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	H max	s FOR SCREWS	G	
200-250/300/W	B	250	200	180	110	670	630	530	460	475	1481	1450	110	1230	935	6xØ19 (M16)	573	B125C
200-250/370/W	B	250	200	180	110	750	710	530	480	475	1600	1660	110	1440	955	6xØ19 (M16)	761	B140B
200-250/450/W	B	250	200	180	110	750	710	530	480	475	1600	1660	110	1440	955	6xØ19 (M16)	796	B140B
200-250/550/W	B	250	200	180	110	750	710	530	480	475	1679	1660	110	1440	955	6xØ19 (M16)	834	B160B
200-315/550/W	B	250	200	180	110	750	710	530	480	450	1679	1660	110	1440	930	6xØ19 (M16)	838	B160B
200-315/750/W	B	250	200	180	110	750	710	530	480	450	1785	1660	110	1440	952	6xØ19 (M16)	1015	B180B
200-315/900/W	B	250	200	180	110	750	710	530	480	450	1785	1660	110	1440	952	6xØ19 (M16)	1085	B180B
200-315/1100/W	B	250	200	180	110	750	710	530	480	450	1785	1660	110	1440	952	6xØ19 (M16)	1185	B180B
200-400/1100/W	B	250	200	180	165	860	810	770	585	500	2228	2000	165	1670	1115	6xØ26 (M20)	1633	B200A
200-400/1320/W	B	250	200	180	165	860	810	770	585	500	2228	2000	165	1670	1115	6xØ26 (M20)	1633	B200A
200-400/1600/W	B	250	200	180	165	860	810	770	585	500	2228	2000	165	1670	1115	6xØ26 (M20)	1703	B200A
200-400/2000/W	B	250	200	180	165	860	810	770	585	500	2337	2000	165	1670	1160	6xØ26 (M20)	1828	B225A
200-400/2500/W	B	250	200	180	165	860	810	770	585	500	2337	2000	165	1670	1160	6xØ26 (M20)	2058	B225A
200-500/2500/W	B	250	200	200	165	860	810	770	635	560	2357	2000	165	1670	1210	6xØ26 (M20)	2117	B225A
200-500/3150A/W	B	250	200	200	165	1000	930	770	675	560	2456	2200	165	1870	1300	6xØ29 (M24)	2531	B250A
200-500/3150/W	B	250	200	200	165	1000	930	770	675	560	2456	2200	165	1870	1300	6xØ29 (M24)	2531	B250A
200-500/3550/W	B	250	200	200	165	1000	930	770	675	560	2456	2200	165	1870	1300	6xØ29 (M24)	2659	B250A
250-315/750/W	B	300	250	250	165	850	810	530	525	500	1855	1700	165	1370	1025	6xØ19 (M16)	1128	B180B
250-315/900/W	B	300	250	250	165	850	810	530	525	500	1855	1700	165	1370	1025	6xØ19 (M16)	1198	B180B
250-315/1100/W	B	300	250	250	165	850	810	530	525	500	1855	1700	165	1370	1025	6xØ19 (M16)	1298	B180B
250-400/1320/W	B	300	250	200	165	860	810	770	585	560	2248	2000	165	1670	1145	6xØ26 (M20)	1670	B200A
250-400/1600/W	B	300	250	200	165	860	810	770	585	560	2248	2000	165	1670	1145	6xØ26 (M20)	1740	B200A
250-400/2000/W	B	300	250	200	165	860	810	770	585	560	2357	2000	165	1670	1160	6xØ26 (M20)	1865	B225A
250-400/2500/W	B	300	250	200	165	860	810	770	585	560	2357	2000	165	1670	1160	6xØ26 (M20)	2095	B225A
250-400/3150/W	B	300	250	200	165	1000	930	770	625	560	2456	2200	165	1870	1250	6xØ29 (M24)	2512	B250A
250-500/3150/W	B	300	250	200	165	1000	930	770	675	670	2456	2200	165	1870	1345	6xØ29 (M24)	2582	B250A
250-500/3550/W	B	300	250	200	165	1000	930	770	675	670	2456	2200	165	1870	1345	6xØ29 (M24)	2710	B250A
250-500/4000/W	B	300	250	200	165	1000	930	770	675	670	2651	2300	165	1970	1439	6xØ29 (M24)	2930	B250A
300-350/1100/W	B	350	300	250	200	960	910	800	640	600	2328	2100	200	1700	1240	6xØ26 (M20)	1871	B200A
300-350/1320/W	B	350	300	250	200	960	910	800	640	600	2328	2100	200	1700	1240	6xØ26 (M20)	1871	B200A
300-350/1600/W	B	350	300	250	200	960	910	800	640	600	2328	2100	200	1700	1240	6xØ26 (M20)	1941	B200A
300-350/2000/W	B	350	300	250	200	960	910	800	640	600	2437	2100	200	1700	1240	6xØ26 (M20)	2065	B225A
300-400/2000/W	B	350	300	250	200	960	910	800	640	600	2437	2100	200	1700	1240	6xØ26 (M20)	2069	B225A
300-400/2500/W	B	350	300	250	200	960	910	800	640	600	2437	2100	200	1700	1240	6xØ26 (M20)	2299	B225A
300-400/3150/W	B	350	300	250	200	1000	930	800	680	600	2536	2250	200	1850	1305	6xØ29 (M24)	2694	B250A
300-400/3550/W	B	350	300	250	200	1000	930	800	680	600	2536	2250	200	1850	1305	6xØ29 (M24)	2822	B250A
300-400/4000/W	B	350	300	250	200	1000	930	800	680	600	2731	2350	200	1950	1444	6xØ29 (M24)	3043	B250A

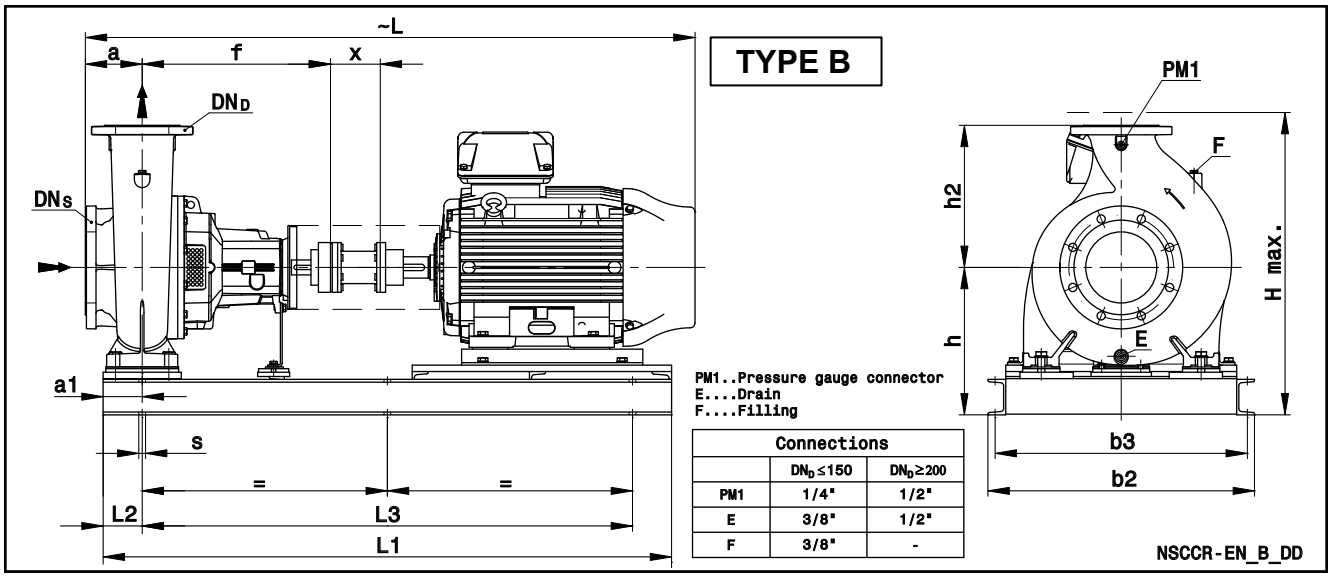
NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscf200-300_4p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

NSCC 32 SERIES (SPACER COUPLING)
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES





PUMP TYPE NSCC..2	TYPE	DIMENSIONS (mm)														H	s	WEIGHT	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	x	max	FOR SCREWS	kg	
32-125/15/P	A	50	32	80	60	390	350	360	212	140	888	900	150	600	100	352	4xØ19 (M16)	77	H80B
32-125/22/P	A	50	32	80	60	390	350	360	212	140	888	900	150	600	100	352	4xØ19 (M16)	80	H80B
32-125/30/P	A	50	32	80	60	390	350	360	212	140	919	900	150	600	100	366	4xØ19 (M16)	87	H80C
32-125/40/P	A	50	32	80	60	390	350	360	212	140	922	900	150	600	100	380	4xØ19 (M16)	92	H80C
32-125/55/P	A	50	32	80	60	450	400	360	232	140	987	1000	170	660	100	423	4xØ24 (M20)	121	H95A
32-160/40/P	A	50	32	80	60	390	350	360	232	160	922	900	150	600	100	400	4xØ19 (M16)	93	H80C
32-160/55/P	A	50	32	80	60	450	400	360	232	160	987	1000	170	660	100	423	4xØ24 (M20)	122	H95A
32-160/75/P	A	50	32	80	60	450	400	360	232	160	987	1000	170	660	100	423	4xØ24 (M20)	126	H95A
32-160/110A/P	A	50	32	80	60	490	440	360	260	160	1144	1120	190	740	100	500	4xØ24 (M20)	155	H95B
32-200/75/P	A	50	32	80	60	450	400	360	260	180	987	1000	170	660	100	451	4xØ24 (M20)	133	H95A
32-200/110A/P	A	50	32	80	60	490	440	360	260	180	1144	1120	190	740	100	500	4xØ24 (M20)	162	H95B
32-200/110/P	A	50	32	80	60	490	440	360	260	180	1144	1120	190	740	100	500	4xØ24 (M20)	162	H95B
32-250/110/P	A	50	32	100	75	540	490	360	280	225	1164	1250	205	840	100	520	4xØ24 (M20)	190	H95B
32-250/150/P	A	50	32	100	75	540	490	360	280	225	1164	1250	205	840	100	520	4xØ24 (M20)	207	H95B
32-250/185/P	A	50	32	100	75	540	490	360	280	225	1164	1250	205	840	100	520	4xØ24 (M20)	220	H95B
32-250/220/W	A	50	32	100	75	540	490	360	280	225	1224	1250	205	840	100	559	4xØ24 (M20)	287	H110A

NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscc32_2p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCC 40, 50, 65 SERIES (SPACER COUPLING)
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES

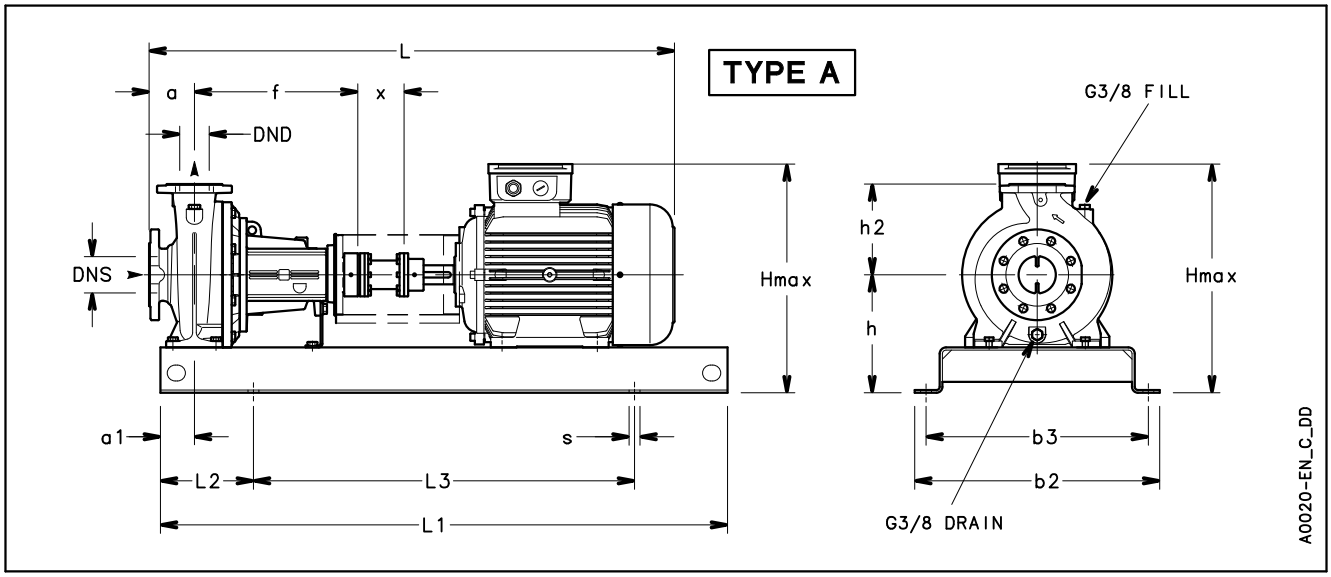
PUMP TYPE NSCC..2	TYPE	DIMENSIONS (mm)																WEIGHT	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	x	H max	s FOR SCREWS	kg	
40-125/30/P	A	65	40	80	60	390	350	360	212	140	919	900	150	600	100	366	4xØ19 (M16)	88	H80C
40-125/40/P	A	65	40	80	60	390	350	360	212	140	922	900	150	600	100	380	4xØ19 (M16)	93	H80C
40-125/55/P	A	65	40	80	60	450	400	360	232	140	987	1000	170	660	100	423	4xØ24 (M20)	122	H95A
40-125/75/P	A	65	40	80	60	450	400	360	232	140	987	1000	170	660	100	423	4xØ24 (M20)	126	H95A
40-160/55/P	A	65	40	80	60	450	400	360	232	160	987	1000	170	660	100	423	4xØ24 (M20)	123	H95A
40-160/75/P	A	65	40	80	60	450	400	360	232	160	987	1000	170	660	100	423	4xØ24 (M20)	127	H95A
40-160/110A/P	A	65	40	80	60	490	440	360	260	160	1144	1120	190	740	100	500	4xØ24 (M20)	156	H95B
40-160/110/P	A	65	40	80	60	490	440	360	260	160	1144	1120	190	740	100	500	4xØ24 (M20)	156	H95B
40-200/110A/P	A	65	40	100	60	490	440	360	260	180	1164	1120	190	740	100	500	4xØ24 (M20)	164	H95B
40-200/110/P	A	65	40	100	60	490	440	360	260	180	1164	1120	190	740	100	500	4xØ24 (M20)	164	H95B
40-200/150/P	A	65	40	100	60	490	440	360	260	180	1164	1120	190	740	100	500	4xØ24 (M20)	181	H95B
40-200/185/P	A	65	40	100	60	490	440	360	260	180	1164	1120	190	740	100	500	4xØ24 (M20)	194	H95B
40-250/185/P	A	65	40	100	75	540	490	360	280	225	1164	1250	205	840	100	520	4xØ24 (M20)	221	H95B
40-250/220/W	A	65	40	100	75	540	490	360	280	225	1224	1250	205	840	100	559	4xØ24 (M20)	288	H110A
40-250/300/W	A	65	40	100	75	610	550	360	310	225	1327	1400	205	940	100	627	4xØ28 (M24)	370	H125A
40-250/370/W	A	65	40	100	75	610	550	360	310	225	1327	1400	205	940	100	627	4xØ28 (M24)	391	H125A
50-125/55/P	A	65	50	100	60	450	400	360	232	160	1007	1000	170	660	100	423	4xØ24 (M20)	125	H95A
50-125/75/P	A	65	50	100	60	450	400	360	232	160	1007	1000	170	660	100	423	4xØ24 (M20)	129	H95A
50-125/110A/P	A	65	50	100	60	490	440	360	260	160	1164	1120	190	740	100	500	4xØ24 (M20)	158	H95B
50-125/110/P	A	65	50	100	60	490	440	360	260	160	1164	1120	190	740	100	500	4xØ24 (M20)	158	H95B
50-160/110A/P	A	65	50	100	60	490	440	360	260	180	1164	1120	190	740	100	500	4xØ24 (M20)	165	H95B
50-160/110/P	A	65	50	100	60	490	440	360	260	180	1164	1120	190	740	100	500	4xØ24 (M20)	165	H95B
50-160/150/P	A	65	50	100	60	490	440	360	260	180	1164	1120	190	740	100	500	4xØ24 (M20)	182	H95B
50-160/185/P	A	65	50	100	60	490	440	360	260	180	1164	1120	190	740	100	500	4xØ24 (M20)	195	H95B
50-200/185/P	A	65	50	100	60	490	440	360	260	200	1164	1120	190	740	100	500	4xØ24 (M20)	196	H95B
50-200/220/P	A	65	50	100	60	540	490	360	280	200	1224	1250	205	840	100	559	4xØ24 (M20)	270	H110A
50-200300/W	A	65	50	100	60	610	550	360	310	200	1327	1400	230	940	100	627	4xØ28 (M24)	352	H125A
50-250/220/W	A	65	50	100	75	540	490	360	280	225	1224	1250	205	840	100	559	4xØ28 (M24)	289	H110A
50-250/300/W	A	65	50	100	75	610	550	360	310	225	1327	1400	230	940	100	627	4xØ28 (M24)	371	H125A
50-250/370/W	A	65	50	100	75	610	550	360	310	225	1327	1400	230	940	100	627	4xØ28 (M24)	392	H125A
50-315/550/W	B	65	50	125	110	750	710	470	405	280	1700	1550	110	1330	140	807	6xØ19 (M16)	684	H140A
50-315/750/W	B	65	50	125	110	750	710	470	405	280	1806	1550	110	1330	140	877	6xØ19 (M16)	870	H160A
65-125/75/P	A	80	65	100	75	450	400	360	260	180	1007	1000	170	660	100	451	4xØ24 (M20)	140	H95A
65-125/110A/P	A	80	65	100	75	490	440	360	260	180	1164	1120	190	740	100	500	4xØ24 (M20)	170	H95B
65-125/110/P	A	80	65	100	75	490	440	360	260	180	1164	1120	190	740	100	500	4xØ24 (M20)	170	H95B
65-160/150/P	A	80	65	100	75	540	490	360	260	200	1164	1250	205	840	100	500	4xØ24 (M20)	208	H95B
65-160/185/P	A	80	65	100	75	540	490	360	260	200	1164	1250	205	840	100	500	4xØ24 (M20)	221	H95B
65-160/220/P	A	80	65	100	75	540	490	360	280	200	1224	1250	205	840	100	559	4xØ24 (M20)	288	H110A
65-160/300/P	A	80	65	100	75	610	550	360	310	200	1327	1400	230	940	100	627	4xØ28 (M24)	370	H125A
65-200/220/W	A	80	65	100	75	540	490	360	280	225	1264	1250	205	840	140	559	4xØ24 (M20)	291	H110B
65-200/300/W	A	80	65	100	75	610	550	360	310	225	1367	1400	230	940	140	627	4xØ28 (M24)	373	H125G
65-200/370/W	A	80	65	100	75	610	550	360	310	225	1367	1400	230	940	140	627	4xØ28 (M24)	394	H125G
65-250/450/W	A	80	65	100	90	610	550	470	365	250	1566	1400	230	940	140	749	4xØ28 (M24)	574	H125C
65-250/550/W	A	80	65	100	90	660	600	470	390	250	1675	1600	270	1060	140	792	4xØ28 (M24)	715	H140A
65-250/750/W	A	80	65	100	90	730	670	470	420	250	1781	1800	300	1200	140	892	4xØ28 (M24)	962	H160A
65-315/750/W	B	80	65	125	110	750	710	470	390	280	1806	1550	110	1330	140	862	6xØ19 (M16)	868	H160A
65-315/900/W	B	80	65	125	110	750	710	470	390	280	1806	1550	110	1330	140	862	6xØ19 (M16)	948	H160A
65-315/1100/W	B	80	65	125	110	750	710	470	390	280	1806	1550	110	1330	140	862	6xØ19 (M16)	998	H160A

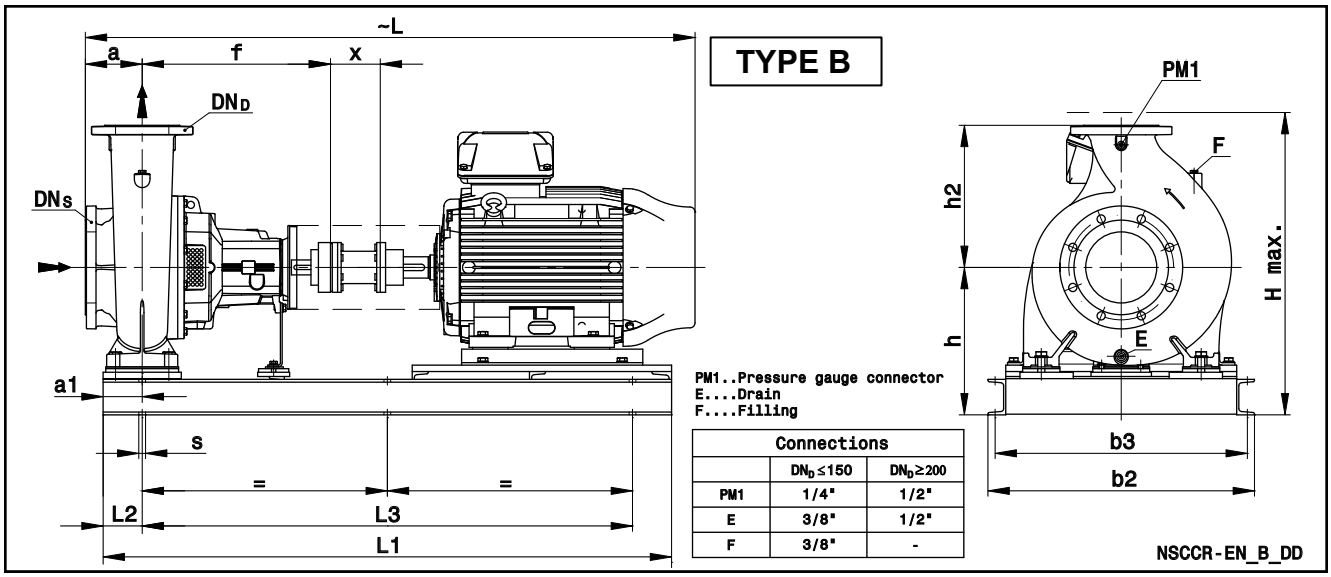
NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscc40-65-2p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

NSCC 80, 100, 125 SERIES (SPACER COUPLING)
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES





Connections		
	$DN_D \leq 150$	$DN_D \geq 200$
PM1	1/4"	1/2"
E	3/8"	1/2"
F	3/8"	-

GOULDS WATER TECHNOLOGY
a xylem brand

NSCC 80, 100, 125 SERIES (SPACER COUPLING)
DIMENSIONS AND WEIGHTS AT 60 Hz, 2 POLES

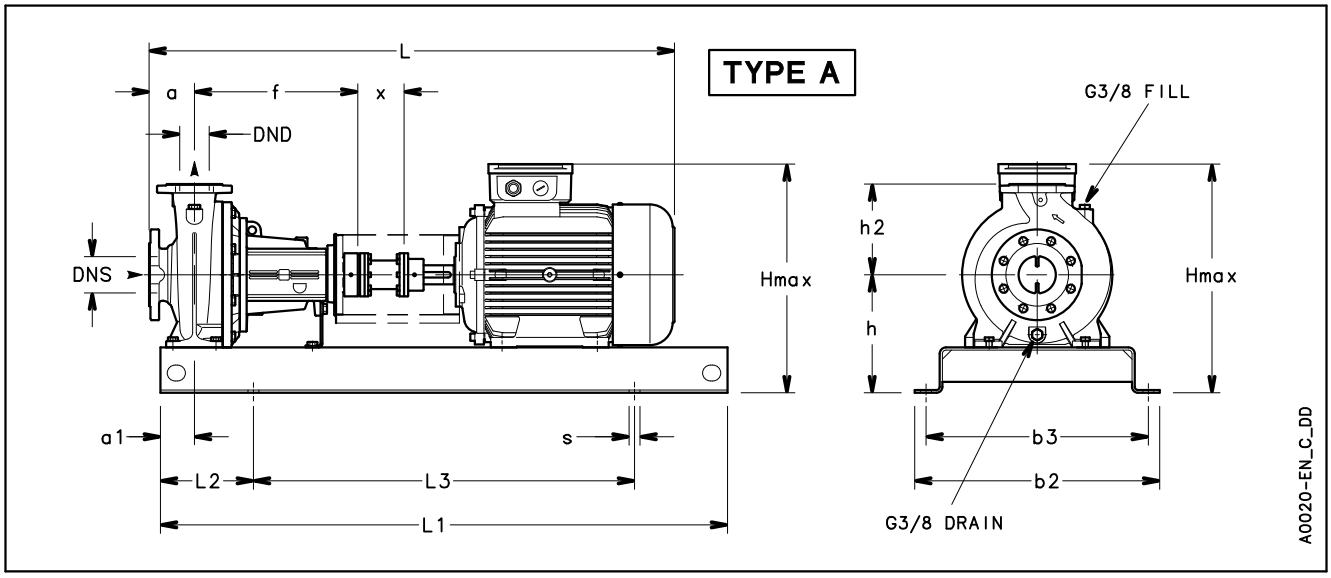
PUMP TYPE NSCC..2	TYPE	DIMENSIONS (mm)																WEIGHT (kg)	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	x	H max	s FOR SCREWS	G	
80-160/185/P	A	100	80	125	75	540	490	360	280	225	1229	1250	205	840	140	520	4xØ24 (M20)	227	H95F
80-160/220/W	A	100	80	125	75	540	490	360	280	225	1289	1250	205	840	140	559	4xØ24 (M20)	294	H110D
80-160/300/W	A	100	80	125	75	610	550	360	310	225	1392	1400	230	940	140	627	4xØ28 (M24)	376	H125G
80-160/370/W	A	100	80	125	75	610	550	360	310	225	1392	1400	230	940	140	627	4xØ28 (M24)	397	H125G
80-200/450/W	A	100	80	125	75	610	550	470	365	250	1591	1400	230	940	140	749	4xØ28 (M24)	576	H125C
80-200/550/W	A	100	80	125	75	660	600	470	390	250	1700	1600	270	1060	140	792	4xØ28 (M24)	717	H140A
80-200/750/W	A	100	80	125	75	730	670	470	420	250	1806	1800	300	1200	140	892	4xØ28 (M24)	964	H160A
80-250/550/W	A	100	80	125	90	660	600	470	390	280	1700	1600	270	1060	140	792	4xØ28 (M24)	720	H140A
80-250/750/W	A	100	80	125	90	730	670	470	420	280	1806	1800	300	1200	140	892	4xØ28 (M24)	967	H160A
100-160/300/W	B	125	100	125	110	560	520	470	330	280	1502	1350	110	1130	140	647	6xØ19 (M16)	407	H125C
100-160/370/W	B	125	100	125	110	560	520	470	330	280	1502	1350	110	1130	140	647	6xØ19 (M16)	432	H125C
100-160/450/W	B	125	100	125	110	560	520	470	355	280	1591	1350	110	1130	140	739	6xØ19 (M16)	570	H125C
100-160/550/W	B	125	100	125	110	750	710	470	405	280	1700	1550	110	1330	140	807	6xØ19 (M16)	678	H140A
100-200/550/W	B	125	100	125	110	750	710	470	405	280	1700	1550	110	1330	140	807	6xØ19 (M16)	686	H140A
100-200/750/W	B	125	100	125	110	750	710	470	390	280	1806	1550	110	1330	140	862	6xØ19 (M16)	863	H160A
100-200/900/W	B	125	100	125	110	750	710	470	390	280	1806	1550	110	1330	140	862	6xØ19 (M16)	943	H160A
100-200/1100/W	B	125	100	125	110	750	710	470	390	280	1806	1550	110	1330	140	862	6xØ19 (M16)	993	H160A
100-250/900/W	B	125	100	140	110	750	710	470	390	280	1821	1550	110	1330	140	862	6xØ19 (M16)	945	H160A
100-250/1100/W	B	125	100	140	110	750	710	470	390	280	1821	1550	110	1330	140	862	6xØ19 (M16)	995	H160A
125-200/750/W	B	150	125	140	110	750	710	470	405	315	1821	1550	110	1330	140	877	6xØ19 (M16)	880	H160A
125-200/900/W	B	150	125	140	110	750	710	470	405	315	1821	1550	110	1330	140	877	6xØ19 (M16)	960	H160A
125-200/1100/W	B	150	125	140	110	750	710	470	405	315	1821	1550	110	1330	140	877	6xØ19 (M16)	1010	H160A

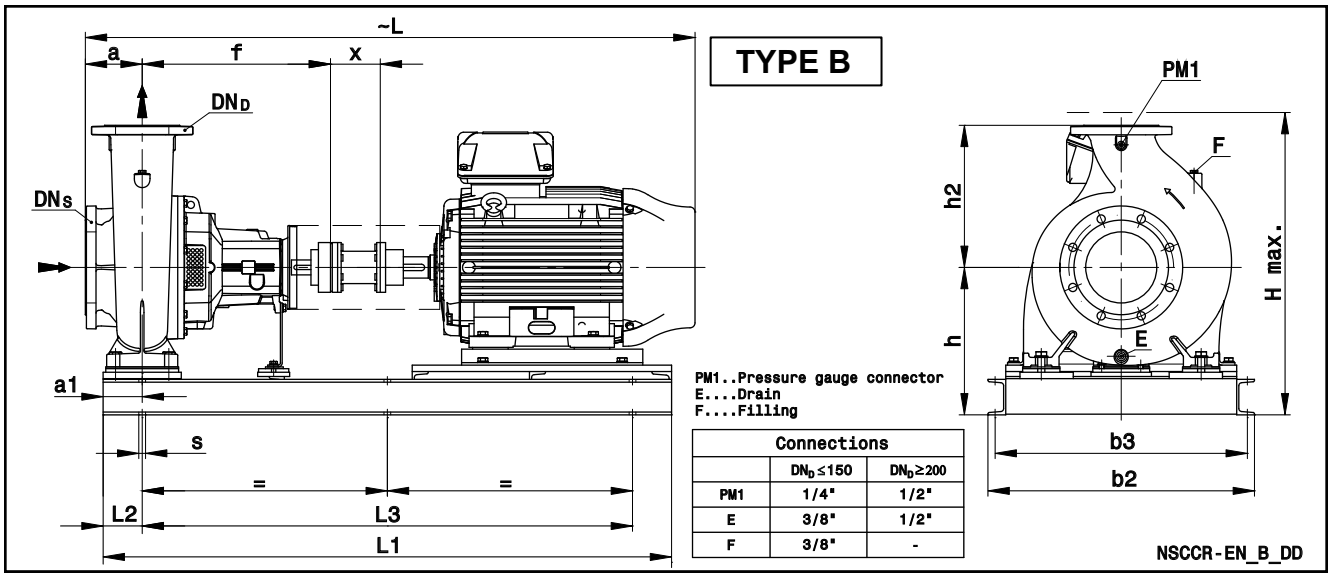
NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscc80-125_2p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

NSCC 32 SERIES (SPACER COUPLING)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES





PUMP TYPE NSCC..4	TYPE	DIMENSIONS (mm)														H	s	WEIGHT	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	x	max	FOR SCREWS	kg	
32-125/02/S	A	50	32	80	60	360	320	360	212	140	801	800	130	540	100	352	4xØ19 (M16)	64	H80D
32-125/03/S	A	50	32	80	60	360	320	360	212	140	801	800	130	540	100	352	4xØ19 (M16)	65	H80D
32-125/05/S	A	50	32	80	60	360	320	360	212	140	843	800	130	540	100	352	4xØ19 (M16)	68	H80A
32-125/07/X	A	50	32	80	60	360	320	360	212	140	811	800	130	540	100	352	4xØ19 (M16)	71	H80A
32-160/05/S	A	50	32	80	60	360	320	360	232	160	843	800	130	540	100	392	4xØ19 (M16)	69	H80A
32-160/07/X	A	50	32	80	60	360	320	360	232	160	811	800	130	540	100	392	4xØ19 (M16)	72	H80A
32-160/11/P	A	50	32	80	60	390	350	360	232	160	888	900	150	600	100	392	4xØ19 (M16)	81	H80B
32-200/11/P	A	50	32	80	60	390	350	360	260	180	888	900	150	600	100	440	4xØ19 (M16)	88	H80B
32-200/15/P	A	50	32	80	60	390	350	360	260	180	888	900	150	600	100	440	4xØ19 (M16)	93	H80B
32-200/22/P	A	50	32	80	60	390	350	360	260	180	965	900	150	600	100	440	4xØ19 (M16)	103	H80B
32-250/22/P	A	50	32	100	75	450	400	360	280	225	985	1000	170	660	100	505	4xØ24 (M20)	130	H80C
32-250/30A/P	A	50	32	100	75	450	400	360	280	225	1002	1000	170	660	100	505	4xØ24 (M20)	135	H80C
32-250/30/P	A	50	32	100	75	450	400	360	280	225	1002	1000	170	660	100	505	4xØ24 (M20)	135	H80C
32-250/40/P	A	50	32	100	75	450	400	360	280	225	1018	1000	170	660	100	505	4xØ24 (M20)	154	H80C

NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscc32_4p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCC 40, 50, 65 SERIES (SPACER COUPLING)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

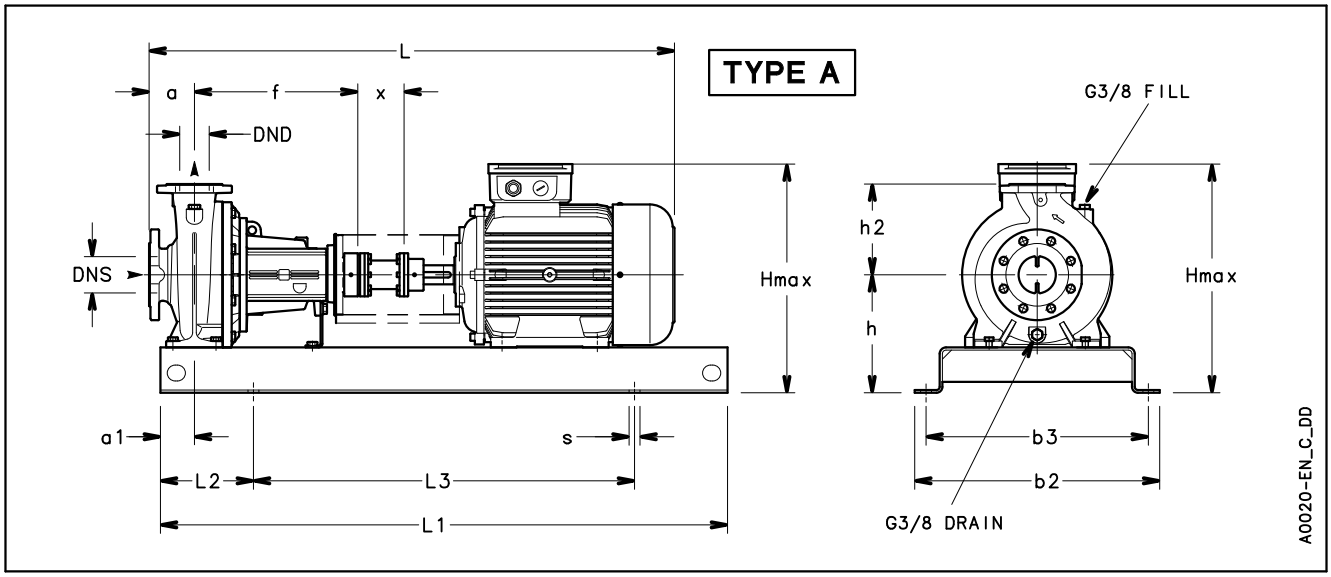
PUMP TYPE NSCC..4	TYPE	DIMENSIONS (mm)																WEIGHT	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	x	H max	s FOR SCREWS	kg	
40-125/03/S	A	65	40	80	60	360	320	360	212	140	801	800	130	540	100	352	4xØ19 (M16)	66	H80D
40-125/05/S	A	65	40	80	60	360	320	360	212	140	843	800	130	540	100	352	4xØ19 (M16)	69	H80A
40-125/07/X	A	65	40	80	60	360	320	360	212	140	811	800	130	540	100	352	4xØ19 (M16)	72	H80A
40-125/11/P	A	65	40	80	60	390	350	360	212	140	888	900	150	600	100	352	4xØ19 (M16)	81	H80B
40-160/07/X	A	65	40	80	60	360	320	360	232	160	811	800	130	540	100	392	4xØ19 (M16)	73	H80A
40-160/11/P	A	65	40	80	60	390	350	360	232	160	888	900	150	600	100	392	4xØ19 (M16)	82	H80B
40-160/15A/P	A	65	40	80	60	390	350	360	232	160	888	900	150	600	100	392	4xØ19 (M16)	87	H80B
40-160/15/P	A	65	40	80	60	390	350	360	232	160	888	900	150	600	100	392	4xØ19 (M16)	87	H80B
40-200/15/P	A	65	40	100	60	390	350	360	260	180	908	900	150	600	100	440	4xØ19 (M16)	95	H80B
40-200/22/P	A	65	40	100	60	390	350	360	260	180	985	900	150	600	100	440	4xØ19 (M16)	105	H80C
40-200/30/P	A	65	40	100	60	390	350	360	260	180	1002	900	150	600	100	440	4xØ19 (M16)	110	H80C
40-250/22/P	A	65	40	100	75	450	400	360	280	225	985	1000	170	660	100	505	4xØ24 (M20)	131	H80C
40-250/30/P	A	65	40	100	75	450	400	360	280	225	1002	1000	170	660	100	505	4xØ24 (M20)	136	H80C
40-250/40/P	A	65	40	100	75	450	400	360	280	225	1018	1000	170	660	100	505	4xØ24 (M20)	155	H80C
40-250/55/P	A	65	40	100	75	490	440	360	280	225	1045	1120	190	740	100	505	4xØ24 (M20)	170	H95A
50-125/07/X	A	65	50	100	60	360	320	360	232	160	831	800	130	540	100	392	4xØ19 (M16)	75	H80A
50-125/11A/P	A	65	50	100	60	390	350	360	232	160	908	900	150	600	100	392	4xØ19 (M16)	84	H80B
50-125/11/P	A	65	50	100	60	390	350	360	232	160	908	900	150	600	100	392	4xØ19 (M16)	84	H80B
50-125/15/P	A	65	50	100	60	390	350	360	232	160	908	900	150	600	100	392	4xØ19 (M16)	89	H80B
50-160/11/P	A	65	50	100	60	390	350	360	260	180	908	900	150	600	100	440	4xØ19 (M16)	91	H80B
50-160/15/P	A	65	50	100	60	390	350	360	260	180	908	900	150	600	100	440	4xØ19 (M16)	96	H80B
50-160/22/P	A	65	50	100	60	390	350	360	260	180	985	900	150	600	100	440	4xØ19 (M16)	106	H80C
50-160/30/P	A	65	50	100	60	390	350	360	260	180	1002	900	150	600	100	440	4xØ19 (M16)	111	H80C
50-200/22/P	A	65	50	100	60	390	350	360	260	200	985	900	150	600	100	460	4xØ19 (M16)	107	H80C
50-200/30A/P	A	65	50	100	60	390	350	360	260	200	1002	900	150	600	100	460	4xØ19 (M16)	112	H80C
50-200/30/P	A	65	50	100	60	390	350	360	260	200	1002	900	150	600	100	460	4xØ19 (M16)	112	H80C
50-200/40/P	A	65	50	100	60	390	350	360	260	200	1018	900	150	600	100	460	4xØ19 (M16)	131	H80C
50-250/40/P	A	65	50	100	75	450	400	360	280	225	1018	1000	170	660	100	505	4xØ24 (M20)	156	H80C
50-250/55/P	A	65	50	100	75	490	440	360	280	225	1045	1120	190	740	100	505	4xØ24 (M20)	171	H95A
50-250/75/P	A	65	50	100	75	490	440	360	280	225	1045	1120	190	740	100	505	4xØ24 (M20)	175	H95A
50-315/75/P	B	65	50	125	110	670	630	470	385	280	1220	1100	110	880	140	665	6xØ19 (M16)	260	H95D
50-315/110/P	B	65	50	125	110	670	630	470	365	280	1339	1330	110	1110	140	645	6xØ19 (M16)	335	H95E
50-315/150/P	B	65	50	125	110	670	630	470	365	280	1339	1330	110	1110	140	645	6xØ19 (M16)	341	H110D
65-125/11A/P	A	80	65	100	75	390	350	360	260	180	908	900	150	600	100	440	4xØ19 (M16)	95	H80B
65-125/11/P	A	80	65	100	75	390	350	360	260	180	908	900	150	600	100	440	4xØ19 (M16)	95	H80B
65-125/15/P	A	80	65	100	75	390	350	360	260	180	908	900	150	600	100	440	4xØ19 (M16)	100	H80B
65-125/22/P	A	80	65	100	75	390	350	360	260	180	985	900	150	600	100	440	4xØ19 (M16)	110	H80C
65-160/22A/P	A	80	65	100	75	450	400	360	260	200	985	1000	170	660	100	460	4xØ24 (M20)	131	H80C
65-160/22/P	A	80	65	100	75	450	400	360	260	200	985	1000	170	660	100	460	4xØ24 (M20)	131	H80C
65-160/30/P	A	80	65	100	75	450	400	360	260	200	1002	1000	170	660	100	460	4xØ24 (M20)	136	H80C
65-160/40/P	A	80	65	100	75	450	400	360	260	200	1018	1000	170	660	100	460	4xØ24 (M20)	155	H80C
65-200/30/P	A	80	65	100	75	490	440	360	280	225	1002	1120	190	740	140	505	4xØ24 (M20)	145	H80F
65-200/40/P	A	80	65	100	75	490	440	360	280	225	1058	1120	190	740	140	505	4xØ24 (M20)	164	H80F
65-200/55A/P	A	80	65	100	75	490	440	360	280	225	1085	1120	190	740	140	505	4xØ24 (M20)	173	H95H
65-200/55/P	A	80	65	100	75	490	440	360	280	225	1085	1120	190	740	140	505	4xØ24 (M20)	173	H95H
65-200/75/P	A	80	65	100	75	490	440	360	280	225	1085	1120	190	740	140	505	4xØ24 (M20)	177	H95H
65-250/110A/P	A	80	65	100	90	540	490	470	310	250	1314	1250	205	840	140	560	4xØ24 (M20)	258	H95E
65-250/110/P	A	80	65	100	90	540	490	470	310	250	1314	1250	205	840	140	560	4xØ24 (M20)	258	H95E
65-315/110/P	B	80	65	125	110	670	630	470	365	280	1339	1330	110	1110	140	645	6xØ19 (M16)	342	H95E
65-315/150/P	B	80	65	125	110	670	630	470	365	280	1339	1330	110	1110	140	645	6xØ19 (M16)	348	H110D
65-315/185/W	B	80	65	125	110	670	630	470	385	280	1399	1330	110	1110	140	665	6xØ19 (M16)	393	H110B
65-315/220/P	B	80	65	125	110	670	630	470	385	280	1437	1330	110	1110	140	665	6xØ19 (M16)	410	H110B

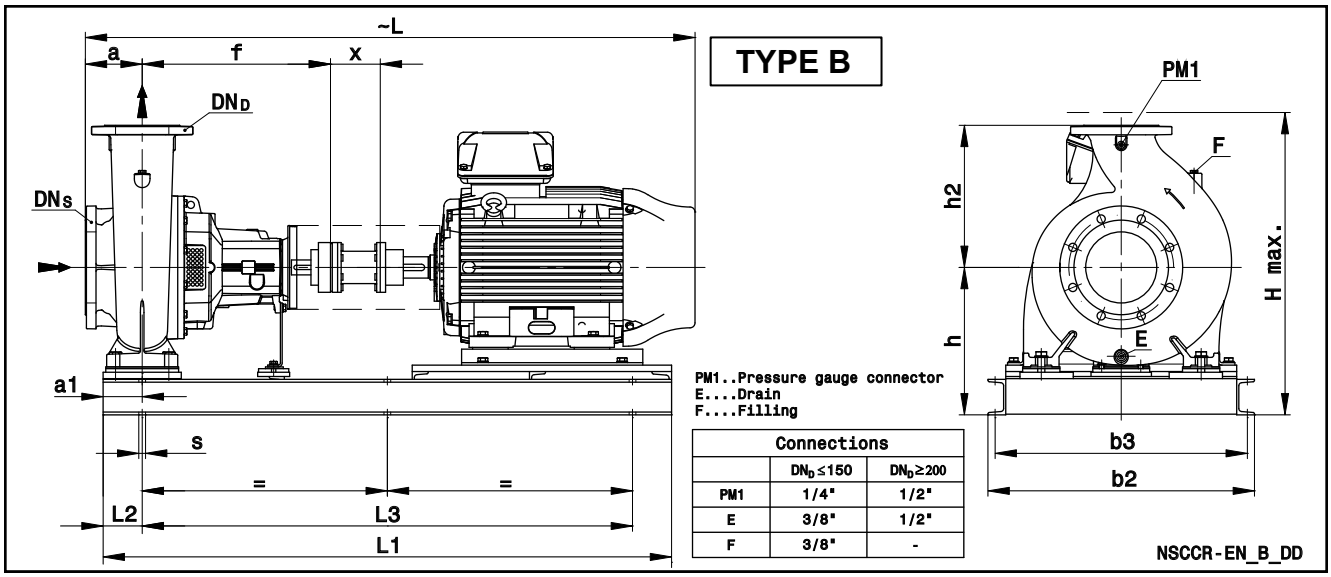
NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscc40-65_4p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

NSCC 80, 100, 125 SERIES (SPACER COUPLING)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES





Connections		
	$DN_D \leq 150$	$DN_D \geq 200$
PM1	1/4"	1/2"
E	3/8"	1/2"
F	3/8"	-

GOULDS WATER TECHNOLOGY
a xylem brand

NSCC 80, 100, 125 SERIES (SPACER COUPLING)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

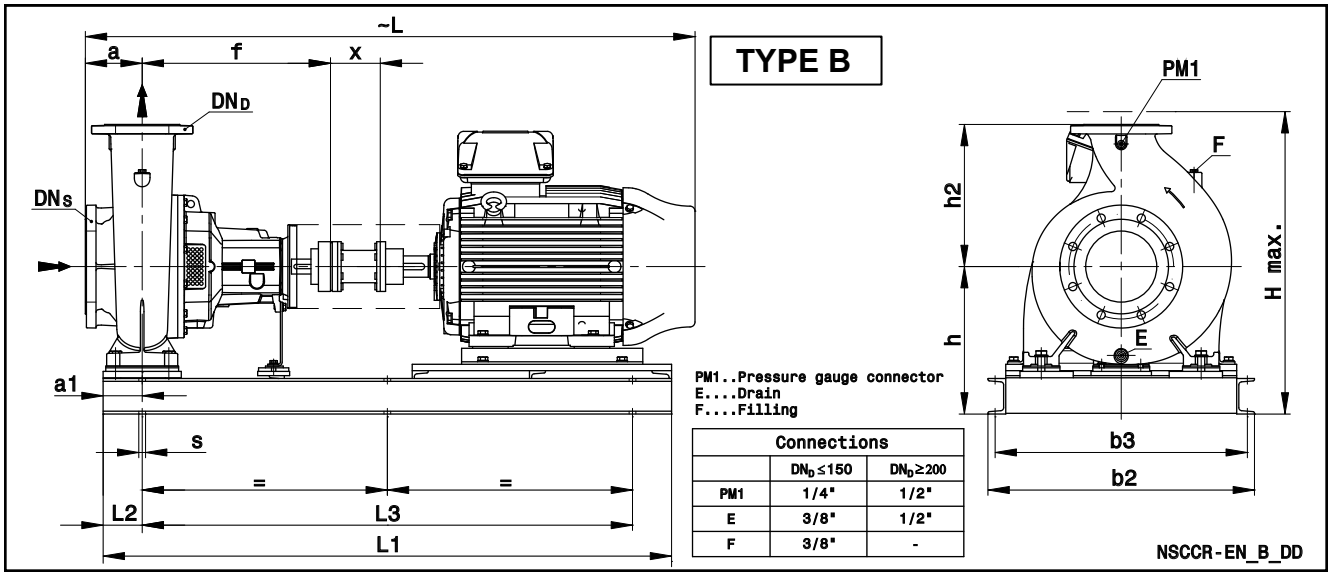
PUMP TYPE NSCC..4	TYPE	DIMENSIONS (mm)																WEIGHT (kg)	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	x	H max	s FOR SCREWS	G	
80-160/22/P	A	100	80	125	75	490	440	360	280	225	1050	1120	190	740	140	505	4xØ24 (M20)	143	H80F
80-160/30/P	A	100	80	125	75	490	440	360	280	225	1067	1120	190	740	140	505	4xØ24 (M20)	148	H80F
80-160/40/P	A	100	80	125	75	490	440	360	280	225	1110	1120	190	740	140	505	4xØ24 (M20)	167	H80F
80-160/55/P	A	100	80	125	75	490	440	360	280	225	1110	1120	190	740	140	505	4xØ24 (M20)	176	H95H
80-200/55/P	A	100	80	125	75	490	440	470	280	250	1220	1120	190	740	140	530	4xØ24 (M20)	194	H95D
80-200/75/P	A	100	80	125	75	490	440	470	280	250	1220	1120	190	740	140	530	4xØ24 (M20)	198	H95D
80-200110/P	A	100	80	125	75	540	490	470	280	250	1339	1250	205	840	140	530	4xØ24 (M20)	259	H95E
80-250/75/P	A	100	80	125	90	540	490	470	310	280	1220	1250	205	840	140	590	4xØ24 (M20)	207	H95D
80-250/110A/P	A	100	80	125	90	540	490	470	310	280	1339	1250	205	840	140	590	4xØ24 (M20)	262	H95E
80-250/110/P	A	100	80	125	90	540	490	470	310	280	1339	1250	205	840	140	590	4xØ24 (M20)	262	H95E
80-250/150/P	A	100	80	125	90	540	490	470	310	280	1339	1250	205	840	140	590	4xØ24 (M20)	267	H95E
100-160/40/P	B	125	100	125	110	670	630	470	365	280	1193	1100	110	880	140	645	6xØ19 (M16)	242	H95C
100-160/55/P	B	125	100	125	110	670	630	470	385	280	1220	1100	110	880	140	665	6xØ19 (M16)	250	H95D
100-160/75/P	B	125	100	125	110	670	630	470	385	280	1220	1100	110	880	140	665	6xØ19 (M16)	255	H95D
100-200/55/P	B	125	100	125	110	670	630	470	385	280	1220	1100	110	880	140	665	6xØ19 (M16)	258	H95D
100-200/75/P	B	125	100	125	110	670	630	470	385	280	1220	1100	110	880	140	665	6xØ19 (M16)	263	H95D
100-200/110/P	B	125	100	125	110	670	630	470	365	280	1339	1330	110	1110	140	645	6xØ19 (M16)	337	H95E
100-200/150/P	B	125	100	125	110	670	630	470	365	280	1339	1330	110	1110	140	645	6xØ19 (M16)	343	H110D
100-250/110/P	B	125	100	140	110	670	630	470	365	280	1354	1330	110	1110	140	645	6xØ19 (M16)	340	H95E
100-250/150/P	B	125	100	140	110	670	630	470	365	280	1354	1330	110	1110	140	645	6xØ19 (M16)	346	H110D
100-250/185/W	B	125	100	140	110	670	630	470	385	280	1414	1330	110	1110	140	665	6xØ19 (M16)	391	H110B
100-315/220/W	B	125	100	140	110	670	630	470	385	315	1452	1330	110	1110	140	700	6xØ19 (M16)	416	H110B
100-315/300/W	B	125	100	140	110	560	520	470	355	315	1517	1350	110	1130	140	672	6xØ19 (M16)	443	H125C
100-315/370/W	B	125	100	140	110	750	710	470	405	315	1636	1550	110	1330	140	789	6xØ19 (M16)	637	H140A
100-315/450/W	B	125	100	140	110	750	710	470	405	315	1636	1550	110	1330	140	789	6xØ19 (M16)	672	H140A
100-400/450/W	B	125	100	140	110	750	710	530	415	355	1696	1600	110	1380	140	799	6xØ19 (M16)	742	H140B
100-400/550/W	B	125	100	140	110	750	710	530	440	355	1775	1600	110	1380	140	842	6xØ19 (M16)	797	H160B
100-400/750/W	B	125	100	140	110	750	710	530	425	355	1881	1600	110	1380	140	897	6xØ19 (M16)	965	H180B
125-200/75/P	B	150	125	140	110	670	630	470	385	315	1235	1100	110	880	140	700	6xØ19 (M16)	270	H95D
125-200/110/P	B	150	125	140	110	670	630	470	365	315	1354	1330	110	1110	140	680	6xØ19 (M16)	345	H95E
125-200/150/P	B	150	125	140	110	670	630	470	365	315	1354	1330	110	1110	140	680	6xØ19 (M16)	351	H110D
125-200/185/W	B	150	125	140	110	670	630	470	385	315	1414	1330	110	1110	140	700	6xØ19 (M16)	395	H110B
125-250/150/P	B	150	125	140	110	670	630	470	365	355	1354	1330	110	1110	140	720	6xØ19 (M16)	351	H110D
125-250/185/W	B	150	125	140	110	670	630	470	385	355	1414	1330	110	1110	140	740	6xØ19 (M16)	395	H110B
125-250/220/W	B	150	125	140	110	670	630	470	385	355	1452	1330	110	1110	140	740	6xØ19 (M16)	412	H110B
125-250/300/W	B	150	125	140	110	560	520	470	355	355	1517	1350	110	1130	140	710	6xØ19 (M16)	439	H125C
125-315/300/W	B	150	125	140	110	670	630	530	420	355	1577	1430	110	1210	140	775	6xØ19 (M16)	506	H125D
125-315/370/W	B	150	125	140	110	750	710	530	415	355	1696	1600	110	1380	140	799	6xØ19 (M16)	681	H140B
125-315/450/W	B	150	125	140	110	750	710	530	415	355	1696	1600	110	1380	140	799	6xØ19 (M16)	716	H140B
125-315/550/W	B	150	125	140	110	750	710	530	440	355	1775	1600	110	1380	140	842	6xØ19 (M16)	771	H160B
125-315/750/W	B	150	125	140	110	750	710	530	440	355	1881	1600	110	1380	140	912	6xØ19 (M16)	950	H180B
125-400/550/W	B	150	125	140	110	750	710	530	440	400	1775	1600	110	1380	140	842	6xØ19 (M16)	805	H160B
125-400/750/W	B	150	125	140	110	750	710	530	440	400	1881	1600	110	1380	140	912	6xØ19 (M16)	984	H180B
125-400/900/W	B	150	125	140	110	750	710	530	440	400	1881	1600	110	1380	140	912	6xØ19 (M16)	1054	H180B
125-400/1100/W	B	150	125	140	110	750	710	530	440	400	1881	1600	110	1380	140	912	6xØ19 (M16)	1154	H180B

NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscc80-125_4p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

NSCC 150 SERIES (SPACER COUPLING)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES



PUMP TYPE NSCC..4	TYPE	DIMENSIONS (mm)																WEIGHT (kg)	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	x	H max	s FOR SCREWS	G	
150-200/150/P	B	200	150	160	110	670	630	470	385	400	1374	1330	110	1110	140	785	6xØ19 (M16)	408	H110D
150-200/185/W	B	200	150	160	110	670	630	470	385	400	1434	1330	110	1110	140	785	6xØ19 (M16)	442	H110B
150-200/220/W	B	200	150	160	110	670	630	470	385	400	1472	1330	110	1110	140	785	6xØ19 (M16)	459	H110B
150-250/220/W	B	200	150	160	110	670	630	530	400	400	1532	1430	110	1210	140	800	6xØ19 (M16)	480	H110C
150-250/300/W	B	200	150	160	110	670	630	530	420	400	1597	1430	110	1210	140	820	6xØ19 (M16)	534	H125D
150-250/370/W	B	200	150	160	110	750	710	530	415	400	1716	1600	110	1380	140	815	6xØ19 (M16)	709	H140B
150-250/450/W	B	200	150	160	110	750	710	530	415	400	1716	1600	110	1380	140	815	6xØ19 (M16)	744	H140B
150-315/450/W	B	200	150	160	110	750	710	530	415	400	1716	1600	110	1380	140	815	6xØ19 (M16)	750	H140B
150-315/550/W	B	200	150	160	110	750	710	530	440	400	1795	1600	110	1380	140	842	6xØ19 (M16)	805	H160B
150-315/750/W	B	200	150	160	110	750	710	530	440	400	1901	1600	110	1380	140	912	6xØ19 (M16)	984	H180B
150-315/900/W	B	200	150	160	110	750	710	530	440	400	1901	1600	110	1380	140	912	6xØ19 (M16)	1054	H180B
150-400/750/W	B	200	150	160	110	750	710	530	440	450	1901	1600	110	1380	140	912	6xØ19 (M16)	1012	H180B
150-400/900/W	B	200	150	160	110	750	710	530	440	450	1901	1600	110	1380	140	912	6xØ19 (M16)	1082	H180B
150-400/1100/W	B	200	150	160	110	750	710	530	440	450	1901	1600	110	1380	140	912	6xØ19 (M16)	1182	H180B
150-500/1600/W	B	200	150	180	165	860	810	770	585	500	2474	2250	165	1920	250	1115	6xØ26 (M20)	1772	H200A
150-500/2000/W	B	200	150	180	165	860	810	770	585	500	2583	2250	165	1920	250	1160	6xØ26 (M20)	1901	H225A
150-500/2500/W	B	200	150	180	165	860	810	770	585	500	2583	2250	165	1920	250	1160	6xØ26 (M20)	2131	H225A
150-500/3150/W	B	200	150	180	165	1000	930	770	625	500	2682	2450	165	2120	250	1250	6xØ29 (M24)	2556	H250A

NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscc150_4p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

GOULDS WATER TECHNOLOGY
a xylem brand

NSCC 200, 250, 300 SERIES (SPACER COUPLING)
DIMENSIONS AND WEIGHTS AT 60 Hz, 4 POLES

PUMP TYPE NSCC..4	TYPE	DIMENSIONS (mm)																WEIGHT (kg)	COUPLING TYPE
		DNS	DND	a	a1	b2	b3	f	h	h2	L	L1	L2	L3	x	H max	s FOR SCREWS	G	
200-250/300/W	B	250	200	180	110	670	630	530	460	475	1677	1450	110	1230	200	935	6xØ19 (M16)	577	H125F
200-250/370/W	B	250	200	180	110	750	710	530	480	475	1796	1660	110	1440	200	955	6xØ19 (M16)	768	H140C
200-250/450/W	B	250	200	180	110	750	710	530	480	475	1796	1660	110	1440	200	955	6xØ19 (M16)	803	H140C
200-250/550/W	B	250	200	180	110	750	710	530	480	475	1875	1660	110	1440	200	955	6xØ19 (M16)	842	H160C
200-315/550/W	B	250	200	180	110	750	710	530	480	450	1875	1660	110	1440	200	930	6xØ19 (M16)	846	H160C
200-315/750/W	B	250	200	180	110	750	710	530	480	450	1981	1660	110	1440	200	952	6xØ19 (M16)	1025	H180C
200-315/900/W	B	250	200	180	110	750	710	530	480	450	1981	1660	110	1440	200	952	6xØ19 (M16)	1095	H180C
200-315/1100/W	B	250	200	180	110	750	710	530	480	450	1981	1660	110	1440	200	952	6xØ19 (M16)	1195	H180C
200-400/1100/W	B	250	200	180	165	860	810	770	585	500	2474	2250	165	1920	250	1115	6xØ26 (M20)	1657	H200A
200-400/1320/W	B	250	200	180	165	860	810	770	585	500	2474	2250	165	1920	250	1115	6xØ26 (M20)	1657	H200A
200-400/1600/W	B	250	200	180	165	860	810	770	585	500	2474	2250	165	1920	250	1115	6xØ26 (M20)	1727	H200A
200-400/2000/W	B	250	200	180	165	860	810	770	585	500	2583	2250	165	1920	250	1160	6xØ26 (M20)	1856	H225A
200-400/2500/W	B	250	200	180	165	860	810	770	585	500	2583	2250	165	1920	250	1160	6xØ26 (M20)	2086	H225A
200-500/2500/W	B	250	200	200	165	860	810	770	635	560	2603	2250	165	1920	250	1210	6xØ26 (M20)	2146	H225A
200-500/3150A/W	B	250	200	200	165	1000	930	770	675	560	2702	2450	165	2120	250	1300	6xØ29 (M24)	2568	H250A
200-500/3150/W	B	250	200	200	165	1000	930	770	675	560	2702	2450	165	2120	250	1300	6xØ29 (M24)	2568	H250A
200-500/3550/W	B	250	200	200	165	1000	930	770	675	560	2702	2450	165	2120	250	1300	6xØ29 (M24)	2696	H250A
250-315/750/W	B	300	250	250	165	850	810	530	525	500	2051	1700	165	1370	200	1025	6xØ19 (M16)	1137	H180C
250-315/900/W	B	300	250	250	165	850	810	530	525	500	2051	1700	165	1370	200	1025	6xØ19 (M16)	1207	H180C
250-315/1100/W	B	300	250	250	165	850	810	530	525	500	2051	1700	165	1370	200	1025	6xØ19 (M16)	1307	H180C
250-400/1320/W	B	300	250	200	165	860	810	770	585	560	2494	2250	165	1920	250	1145	6xØ26 (M20)	1694	H200A
250-400/1600/W	B	300	250	200	165	860	810	770	585	560	2494	2250	165	1920	250	1145	6xØ26 (M20)	1764	H200A
250-400/2000/W	B	300	250	200	165	860	810	770	585	560	2603	2250	165	1920	250	1160	6xØ26 (M20)	1893	H225A
250-400/2500/W	B	300	250	200	165	860	810	770	585	560	2603	2250	165	1920	250	1160	6xØ26 (M20)	2123	H225A
250-400/3150/W	B	300	250	200	165	1000	930	770	625	560	2702	2450	165	2120	250	1250	6xØ29 (M24)	2548	H250A
250-500/3150/W	B	300	250	200	165	1000	930	770	675	670	2702	2450	165	2120	250	1345	6xØ29 (M24)	2619	H250A
250-500/3550/W	B	300	250	200	165	1000	930	770	675	670	2702	2450	165	2120	250	1345	6xØ29 (M24)	2747	H250A
250-500/4000/W	B	300	250	200	165	1000	930	770	675	670	2897	2550	165	2220	250	1439	6xØ29 (M24)	2967	H250A
300-350/1100/W	B	350	300	250	200	960	910	800	640	600	2624	2400	200	2000	300	1240	6xØ26 (M20)	1877	N176A
300-350/1320/W	B	350	300	250	200	960	910	800	640	600	2624	2400	200	2000	300	1240	6xØ26 (M20)	1877	N176A
300-350/1600/W	B	350	300	250	200	960	910	800	640	600	2624	2400	200	2000	300	1240	6xØ26 (M20)	1947	N176A
300-350/2000/W	B	350	300	250	200	960	910	800	640	600	2733	2400	200	2000	300	1240	6xØ26 (M20)	2070	N185A
300-400/2000/W	B	350	300	250	200	960	910	800	640	600	2733	2400	200	2000	300	1240	6xØ26 (M20)	2074	N185A
300-400/2500/W	B	350	300	250	200	960	910	800	640	600	2733	2400	200	2000	300	1240	6xØ26 (M20)	2304	N185A
300-400/3150/W	B	350	300	250	200	1000	930	800	680	600	2832	2550	200	2150	300	1305	6xØ29 (M24)	2697	N212A
300-400/3550/W	B	350	300	250	200	1000	930	800	680	600	2832	2550	200	2150	300	1305	6xØ29 (M24)	2825	N212A
300-400/4000/W	B	350	300	250	200	1000	930	800	680	600	3027	2650	200	2250	300	1444	6xØ29 (M24)	3045	N212A

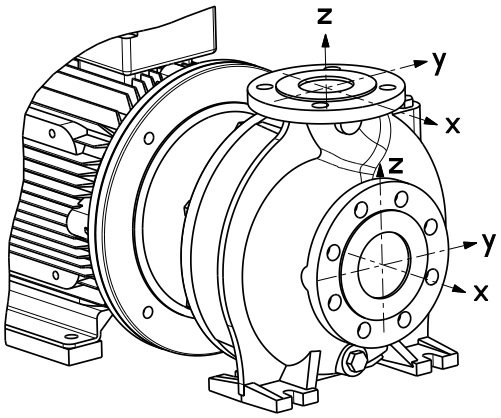
NOTE: Pumps with flanges according to EN 1092-2 as standard.

Nscc200-300_4p60-en_a_td

Available ASME B16.5 version on request. For flanges dimensions see drawing.

GOULDS WATER TECHNOLOGY
a xylem brand

e-NSC SERIES
FORCES AND MOMENTS AT PUMP FLANGES



Forces at the pump flanges calculated according to EN ISO 5199:2002.

When the applied loads do not all attain the maximun values allowed, one of these loads may exceed the normal limit, provided tha the following supplementary conditions are satisfied:

- any component of a force or of a moment shall be limited to 1,4 times the maximum allowable value;

- the actual forces and moments acting on each flange are governed by the following formula:

$$\left(\frac{\sum|F_{x,y,z}|}{\sum|F_{max}|}\right)^2+\left(\frac{\sum|M_{x,y,z}|}{\sum|M_{max}|}\right)^2\leq 2$$

Cast iron casing
EN-GJL-250 / EN-GJS-400

Size	Suction									Discharge								
	DNS	Fx_{max} [N]	Fy_{max} [N]	Fz_{max} [N]	ΣF_{max} [N]	Mx_{max} [Nm]	My_{max} [Nm]	Mz_{max} [Nm]	ΣM_{max} [Nm]	DNS	Fx_{max} [N]	Fy_{max} [N]	Fz_{max} [N]	ΣF_{max} [N]	Mx_{max} [Nm]	My_{max} [Nm]	Mz_{max} [Nm]	ΣM_{max} [Nm]
32-…	50	580	530	480	925	490	350	405	730	32	320	300	370	575	385	265	300	560
40-…	65	740	650	600	1155	525	385	420	775	40	390	350	440	685	455	315	370	670
50-…	65	740	650	600	1155	525	385	420	775	50	530	480	580	925	490	350	405	730
65-…	80	880	790	720	1385	560	405	455	830	65	650	600	740	1155	525	385	420	775
80-…	100	1180	1050	950	1845	615	440	510	915	80	790	720	880	1385	560	405	455	830
100-…	125	1390	1250	1120	2180	735	525	665	1125	100	1050	950	1180	1845	615	440	510	915
125-…	150	1750	1580	1420	2755	875	615	720	1290	125	1250	1120	1390	2180	735	525	665	1125
150-…	200	2350	2100	1890	3675	1140	805	930	1680	150	1580	1420	1750	2755	875	615	720	1290
200-…	250	3340	2980	2700	5230	1780	1260	1460	2625	200	2100	1890	2350	3675	1140	805	930	1680
250-…	300	4000	3580	3220	6260	2420	1720	1980	3570	250	2980	2700	3340	5230	1780	1260	1460	2625
300-…	350	4660	4180	3760	7305	3100	2200	2540	4575	300	3580	3220	4000	6260	2420	1720	1980	3570

NSC_load-en_a_td

Stainless steel casing
(1.4408) - Duplex (1.4517)

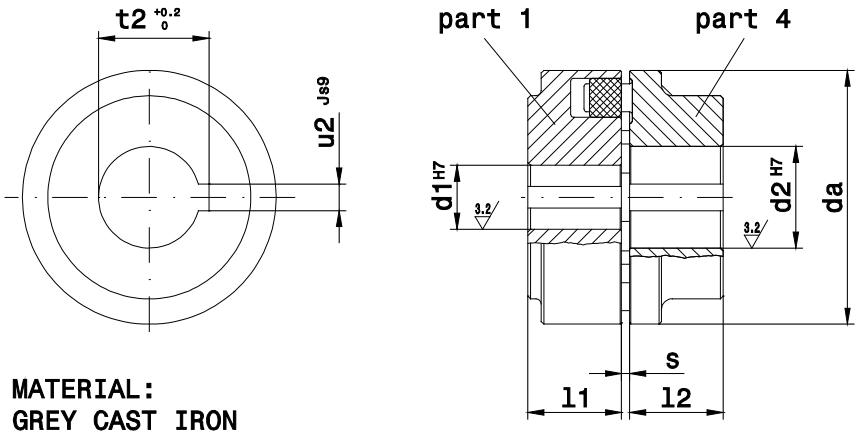
Size	Suction									Discharge								
	DNS	Fx_{max} [N]	Fy_{max} [N]	Fz_{max} [N]	ΣF_{max} [N]	Mx_{max} [Nm]	My_{max} [Nm]	Mz_{max} [Nm]	ΣM_{max} [Nm]	DNS	Fx_{max} [N]	Fy_{max} [N]	Fz_{max} [N]	ΣF_{max} [N]	Mx_{max} [Nm]	My_{max} [Nm]	Mz_{max} [Nm]	ΣM_{max} [Nm]
50-315	65	1470	1300	1190	2295	1050	770	840	1550	50	1050	950	1160	1835	980	700	805	1450
65-…	80	1750	1580	1440	2765	1120	805	910	1655	65	1300	1190	1470	2295	1050	770	840	1550
80-…	100	2350	2100	1890	3675	1225	875	1015	1820	80	1580	1440	1750	2765	1120	805	910	1655
100-…	125	2770	2490	2240	4350	1470	1050	1330	2245	100	2100	1890	2350	3675	1230	880	1020	1830
125-…	150	3500	3150	2840	5500	1750	1225	1435	2575	125	2490	2240	2770	4350	1470	1050	1330	2245
150-…	200	4690	4200	3780	7345	2275	1610	1855	3350	150	3150	2840	3500	5500	1750	1225	1435	2575
200-…	250	5850	5220	4730	9160	3115	2205	2555	4595	200	4200	3780	4690	7345	2275	1610	1855	3350
250-…	300	7000	6270	5640	10965	4235	3010	3465	6250	250	5220	4730	5850	9160	3115	2205	2555	4595
300-…	350	8160	7320	6580	12790	5425	3850	4445	8005	300	6270	5640	7000	10965	4235	3010	3465	6250

NSC_load_ss-en_a_td

GOULDS WATER TECHNOLOGY
a xylem brand

ACCESSORIES

FLEXIBLE COUPLING DIMENSIONS



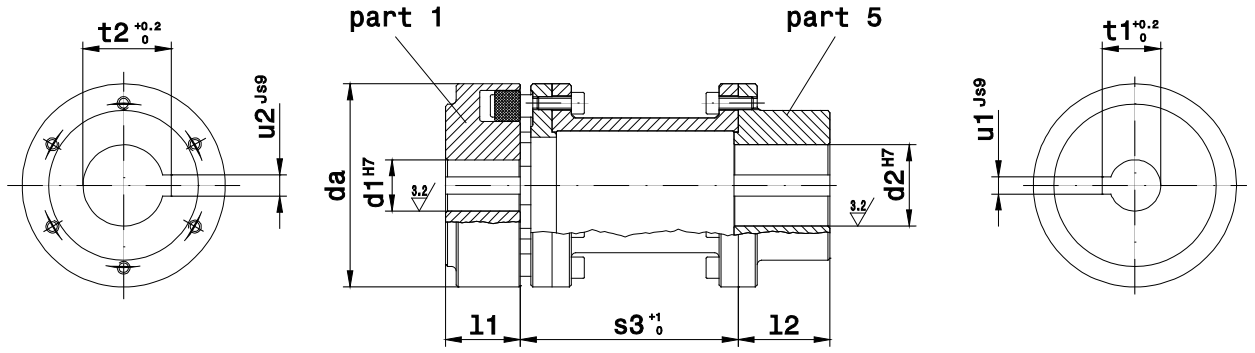
MATERIAL:
GREY CAST IRON
WITH FLEXIBLE ELEMENTS MADE
OF SYNTHETIC RUBBER 80 ShA

COUP-B_EN_A_DD

REF.	DENOMINATION	DIMENSIONS (mm)									
			PART 1 PUMP-SIDE HALF COUPLING				PART 4 MOTOR-SIDE HALF COUPLING				
	SIZE x d_1 x d_2	d_a	d_1^{H7}	l_1	u_1^{js9}	$t_1{}_0^{+0.2}$	s	d_2^{H7}	l_2	u_2^{js9}	$t_2{}_0^{+0.2}$
B68A	B 68 x 24 x 14	68	24	20	8	27,3	2÷4	14	20	5	16,3
B68B	B 68 x 24 x 19	68	24	20	8	27,3	2÷4	19	20	6	21,8
B68C	B 68 x 24 x 24	68	24	20	8	27,3	2÷4	24	20	8	27,3
B80A	B 80 x 24 x 28	80	24	30	8	27,3	2÷4	28	30	8	31,3
B95A	B 95 x 24 x 38	95	24	35	8	27,3	2÷4	38	35	10	41,3
B95B	B 95 x 24 x 42	95	24	35	8	27,3	2÷4	42	35	12	45,3
B95C	B 95 x 32 x 28	95	32	35	10	35,3	2÷4	28	35	8	31,3
B95D	B 95 x 32 x 38	95	32	35	10	35,3	2÷4	38	35	10	41,3
B95E	B 95 x 32 x 42	95	32	35	10	35,3	2÷4	42	35	12	45,3
B95F	B 95 x 42 x 42	95	42	35	12	45,3	2÷4	42	35	12	45,3
B110A	B 110 x 24 x 48	110	24	40	8	27,3	2÷4	48	40	14	51,8
B110B	B 110 x 32 x 48	110	32	40	10	35,3	2÷4	48	40	14	51,8
B110C	B 110 x 42 x 42	110	42	40	12	45,3	2÷4	42	40	12	45,3
B110D	B 110 x 42 x 48	110	42	40	12	45,3	2÷4	48	40	14	51,8
B110E	B 110 x 32 x 42	110	32	35	10	35,3	2÷4	42	35	12	45,3
B125A	B 125 x 32 x 48	125	32	50	10	35,3	2÷4	48	50	14	51,8
B125B	B 125 x 32 x 55	125	32	50	10	35,3	2÷4	55	50	16	59,3
B125C	B 125 x 42 x 55	125	42	50	12	45,3	2÷4	55	50	16	59,3
B125D	B 125 x 24 x 55	125	24	50	8	27,3	2÷4	55	50	16	59,3
B140A	B 140 x 32 x 60	140	32	55	10	35,3	2÷4	60	55	18	64,4
B140B	B 140 x 42 x 60	140	42	55	12	45,3	2÷4	60	55	18	64,4
B140C	B 140 x 60 x 55	140	60	70	18	64,4	2÷4	55	50	16	59,3
B140D	B 140 x 60 x 60	140	60	70	18	64,4	2÷4	60	55	18	64,4
B160A	B 160 x 32 x 65	160	32	60	10	35,3	2÷6	65	60	18	69,4
B160B	B 160 x 42 x 65	160	42	60	12	45,3	2÷6	65	60	18	69,4
B160C	B 160 x 60 x 65	160	60	60	18	64,4	2÷6	65	60	18	69,4
B180A	B 180 x 42 x 65	180	42	70	12	45,3	2÷6	65	60	18	69,4
B180B	B 180 x 42 x 75	180	42	70	12	45,3	2÷6	75	70	20	79,9
B180C	B 180 x 60 x 75	180	60	70	18	64,4	2÷6	75	70	20	79,9
B200A	B 200 x 60 x 80	200	60	80	18	64,4	2÷6	80	80	22	85,4
B225A	B 225 x 60 x 80	225	60	90	18	64,4	2÷6	80	90	22	85,4
B250A	B 250 x 60 x 100	250	60	100	18	64,4	3÷8	100	100	28	106,4

Coup-b-en_c_td

SPACER COUPLING DIMENSIONS



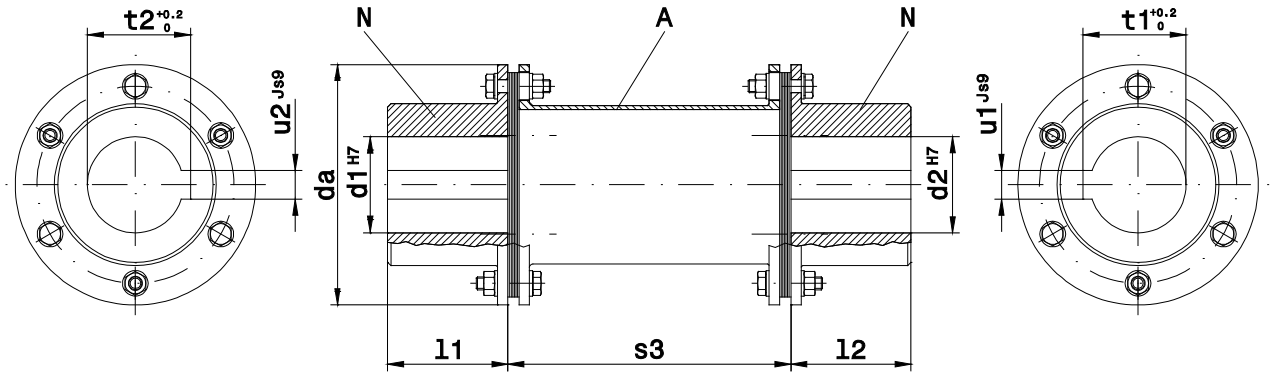
MATERIAL:
GREY CAST IRON
WITH FLEXIBLE ELEMENTS MADE
OF SYNTHETIC RUBBER 80 ShA

COUP-H_EN_A_DD

REF.	DENOMINATION	DIMENSIONS (mm)									
				PART 1 PUMP-SIDE HALF COUPLING				PART 5 MOTOR-SIDE HALF COUPLING			
	SIZE x l x d_1 x d_2	da	$s_3{}_0^{+1}$	d_1^{H7}	l_1	u_1^{js9}	$t_1{}_0^{+0.2}$	d_2^{H7}	l_2	u_2^{js9}	$t_2{}_0^{+0.2}$
H80A	H 80-100 x 24 x 19	80	100	24	30	8	27,3	19	45	6	21,8
H80B	H 80-100 x 24 x 24	80	100	24	30	8	27,3	24	45	8	27,3
H80C	H 80-100 x 24 x 28	80	100	24	30	8	27,3	28	45	8	31,3
H80D	H 80-100 x 24 x 14	80	100	24	30	8	27,3	14	45	5	16,3
H80E	H 80-140 x 24 x 24	80	140	24	30	8	27,3	24	45	8	27,3
H80F	H 80-140 x 24 x 28	80	140	24	30	8	27,3	28	45	8	31,3
H80G	H 80-140 x 32 x 28	80	140	32	30	10	35,3	28	45	8	31,3
H95A	H 95-100 x 24 x 38	95	100	24	35	8	27,3	38	45	10	41,3
H95B	H 95-100 x 24 x 42	95	100	24	35	8	27,3	42	45	12	45,3
H95C	H 95-140 x 32 x 28	95	140	32	35	10	35,3	28	45	8	31,3
H95D	H 95-140 x 32 x 38	95	140	32	35	10	35,3	38	45	10	41,3
H95E	H 95-140 x 32 x 42	95	140	32	35	10	35,3	42	45	12	45,3
H95F	H 95-140 x 42 x 42	95	140	42	35	12	45,3	42	45	12	45,3
H95G	H 95-140 x 24 x 42	95	140	24	35	8	27,3	42	45	12	45,3
H95H	H 95-140 x 24 x 38	95	140	24	35	8	27,3	38	45	10	41,3
H110A	H 110-100 x 24 x 48	110	100	24	40	8	27,3	48	50	14	51,8
H110B	H 110-140 x 32 x 48	110	140	32	40	10	35,3	48	50	14	51,8
H110C	H 110-140 x 42 x 48	110	140	42	40	12	45,3	48	50	14	51,8
H110D	H 110-140 x 24 x 48	110	140	24	40	8	27,3	48	50	14	51,8
H110E	H 110-140 x 32 x 42	110	140	32	40	10	35,3	42	45	12	45,3
H110F	H 110-140 x 42 x 42	110	140	42	40	12	45,3	42	45	12	45,3
H125A	H 125-100 x 24 x 55	125	100	24	50	8	27,3	55	50	16	59,3
H125B	H 125-140 x 32 x 48	125	140	32	50	10	35,3	48	50	14	51,8
H125C	H 125-140 x 32 x 55	125	140	32	50	10	35,3	55	50	16	59,3
H125D	H 125-140 x 42 x 55	125	140	42	50	12	45,3	55	50	16	59,3
H125E	H 125-200 x 42 x 48	125	200	42	50	12	45,3	48	70	14	51,8
H125F	H 125-200 x 42 x 55	125	200	42	50	12	45,3	55	70	16	59,3
H125G	H 125-140 x 24 x 55	125	140	24	50	8	27,3	55	50	16	59,3
H125H	H 125-200 x 42 x 42	125	200	42	50	12	45,3	42	45	12	45,3
H140A	H 140-140 x 32 x 60	140	140	32	55	10	35,3	60	65	18	64,4
H140B	H 140-140 x 42 x 60	140	140	42	55	12	45,3	60	65	18	64,4
H140C	H 140-200 x 42 x 60	140	200	42	55	12	45,3	60	65	18	64,4
H140D	H 140-250 x 60 x 60	140	250	60	60	18	64,4	60	65	18	64,4
H160A	H 160-140 x 32 x 65	160	140	32	60	10	35,3	65	70	18	69,4
H160B	H 160-140 x 42 x 65	160	140	42	60	12	45,3	65	70	18	69,4
H160C	H 160-200 x 42 x 65	160	200	42	60	12	45,3	65	70	18	69,4
H160D	H 160-250 x 60 x 65	160	250	60	60	18	64,4	65	80	18	69,4
H180A	H 180-140 x 42 x 65	180	140	42	70	12	45,3	65	80	18	69,4
H180B	H 180-140 x 42 x 75	180	140	42	70	12	45,3	75	80	20	79,9
H180C	H 180-200 x 42 x 75	180	200	42	70	12	45,3	75	80	20	79,9
H180D	H 180-250 x 60 x 75	180	250	60	70	18	64,4	75	80	20	79,9
H200A	H 200-250 x 60 x 80	200	250	60	80	18	64,4	80	90	22	85,4
H225A	H 225-250 x 60 x 80	225	250	60	90	18	64,4	80	100	22	85,4
H250A	H 250-250 x 60 x 100	250	250	60	100	18	64,4	100	110	28	106,4

Coup-h_en_d_td

SPACER COUPLING DIMENSIONS



MATERIAL:
HUB AND SPACER: CARBON STEEL (1.0570)
PLATE PACK: CrNi SPRING STEEL
BOLTS AND NUTS: 10.9 / 10.

COUP-NAN_EN_A_DD

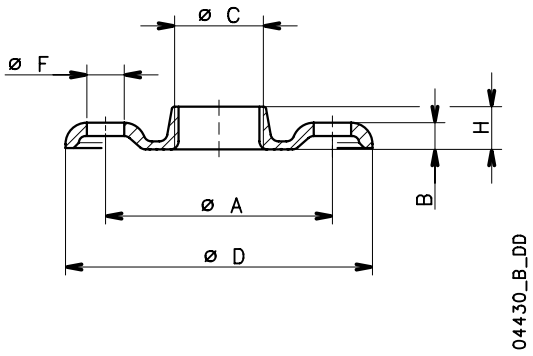
REF.	DENOMINATION	DIMENSIONS (mm)									
				N				N			
				PUMP-SIDE HALF COUPLING				MOTOR-SIDE HALF COUPLING			
	SIZE x l x d_1 x d_2	da	s_3	d_1^{H7}	l_1	u_1^{js9}	$t_1{}_0^{+0.2}$	d_2^{H7}	l_2	u_2^{js9}	$t_2{}_0^{+0.2}$
N135A	NAN 135-6 x 300 x 60 x 55	135	300	60	65	18	64,4	55	65	16	59,3
N135B	NAN 135-6 x 300 x 60 x 60	135	300	60	65	18	64,4	60	65	18	64,4
N135C	NAN 135-6 x 300 x 60 x 65	135	300	60	65	18	64,4	65	65	18	69,4
N150A	NAN 150-6 x 300 x 60 x 75	150	300	60	75	18	64,4	75	75	20	79,9
N176A	NAN 176-6 x 300 x 60 x 80	176	300	60	85	18	64,4	80	85	22	85,4
N185A	NAN 185-6 x 300 x 60 x 80	185	300	60	90	18	64,4	80	90	22	85,4
N212A	NAN 212-6 x 300 x 60 x 100	212	300	60	100	18	64,4	100	100	28	106,4

Coup-nan-en_b_td

e-NSC SERIES
DIMENSIONS OF ROUND THREADED COUNTERFLANGES ACCORDING TO EN 1092-1

	DIMENSIONS (mm)					HOLES		
DN	ø C	ø A	B	ø D	H	ø F	N°	PN
32	Rp 1¼	100	13	140	16	18	4	16
40	Rp 1½	110	14	150	19	18	4	16
50	Rp 2	125	16	165	24	18	4	16
65	Rp 2½	145	16	185	23	18	4	16
80	Rp 3	160	17	200	27	18	8	16
100	Rp 4	180	18	220	31	18	8	16

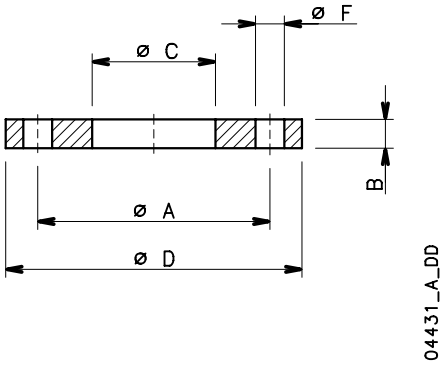
Nsc-ctf-tonde-f-en_a_td



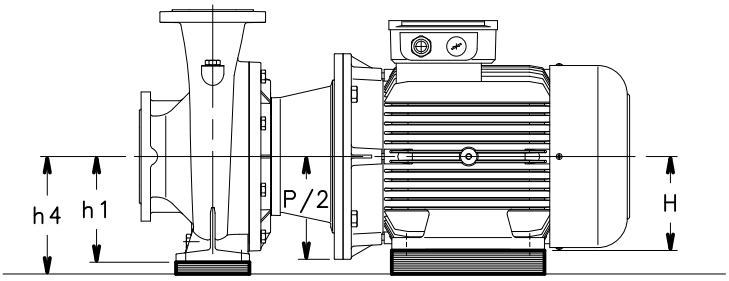
DIMENSIONS OF ROUND WELD COUNTERFLANGES ACCORDING TO EN 1092-1

	DIMENSIONS (mm)				HOLES		
DN	ø C	ø A	B	ø D	ø F	N°	PN
65	77,5	145	20	185	18	4	16
80	90,5	160	20	200	18	8	16
100	116	180	22	220	18	8	16
125	141,5	210	22	250	18	8	16
150	170,5	240	24	285	22	8	16
200	221,5	295	24	340	22	12	16
250	276,5	355	26	405	26	12	16
300	327,5	410	28	460	26	12	16
350	359,5	470	30	520	26	16	16

Nsc-ctf-tonde-s-en_b_td



NSCE 32 ÷ 80 SERIES, 2 POLES
SHIM FOR PUMP AND MOTOR FEET



A0011_A_SC

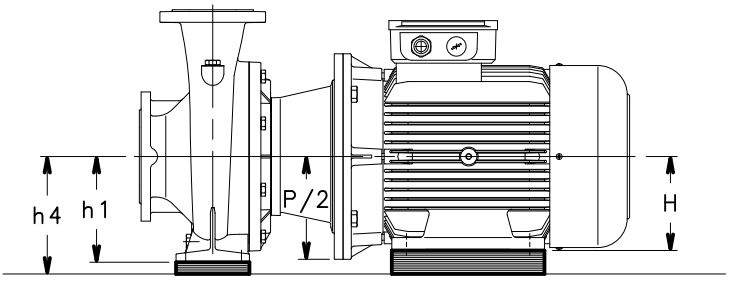
PUMP TYPE	DIMENSIONS (mm)				SHIM*	
NSCE..2	PUMP	MOTOR			CODE	
	h1	P/2	H	h4	Pump	Motor
32-125/15/S	112	-	-	112	-	-
32-125/22/P	112	-	-	112	-	-
32-125/30/P	112	-	-	112	-	-
32-125/40/P	112	-	-	112	-	-
32-125/55/P	112	-	-	112	-	-
32-160/40/P	132	-	-	132	-	-
32-160/55/P	132	-	-	132	-	-
32-160/75/P	132	-	-	132	-	-
32-160/92/P	132	-	-	132	-	-
32-200/75/P	160	-	-	160	-	-
32-200/92/P	160	-	-	160	-	-
32-200/110/P	160	-	-	160	-	-
32-250/110/P	180	-	-	180	-	-
32-250/150/P	180	-	160	180	-	2 x 161407670
32-250/185/P	180	-	160	180	-	2 x 161407670
32-250/220/P	180	-	160	180	-	2 x 161407670
40-125/30/P	112	-	-	112	-	-
40-125/40/P	112	-	-	112	-	-
40-125/55/P	112	-	-	112	-	-
40-125/75/P	112	-	-	112	-	-
40-160/55/P	132	-	-	132	-	-
40-160/75/P	132	-	-	132	-	-
40-160/92/P	132	-	-	132	-	-
40-160/110/P	132	-	-	132	-	-
40-200/92/P	160	-	-	160	-	-
40-200/110/P	160	-	-	160	-	-
40-250/185/P	180	-	160	180	-	2 x 161407670
40-250/220/P	180	-	160	180	-	2 x 161407670
50-125/55/P	132	-	-	132	-	-
50-125/75/P	132	-	-	132	-	-
50-125/92/P	132	-	-	132	-	-
50-125/110/P	132	-	-	132	-	-
50-160/92/P	160	-	-	160	-	-
50-160/110/P	160	-	-	160	-	-
50-200/185/P	160	-	-	160	-	-
50-200/220/P	160	-	-	160	-	-
50-250/220/P	180	-	160	160	-	2 x 161407670
65-125/75/P	160	-	-	160	-	-
65-125/92/P	160	-	-	160	-	-
65-125/110/P	160	-	-	160	-	-

PUMP TYPE	DIMENSIONS (mm)				SHIM*	
NSCE..2	PUMP	MOTOR			CODE	
	h1	P/2	H	h4	Pump	Motor
65-160/150/P	160	-	-	160	-	-
65-160/185/P	160	-	-	160	-	-
65-160/220/P	160	-	-	160	-	-
65-200/220/P	180	-	160	180	-	2 x 161407670
80-160/185/P	180	-	160	180	-	2 x 161407670
80-160/220/P	180	-	160	180	-	2 x 161407670

* On request.

Nsce-32-80sp_2p60-en_a_td

NSCE 32 ÷ 80 SERIES, 4 POLES
SHIM FOR PUMP AND MOTOR FEET



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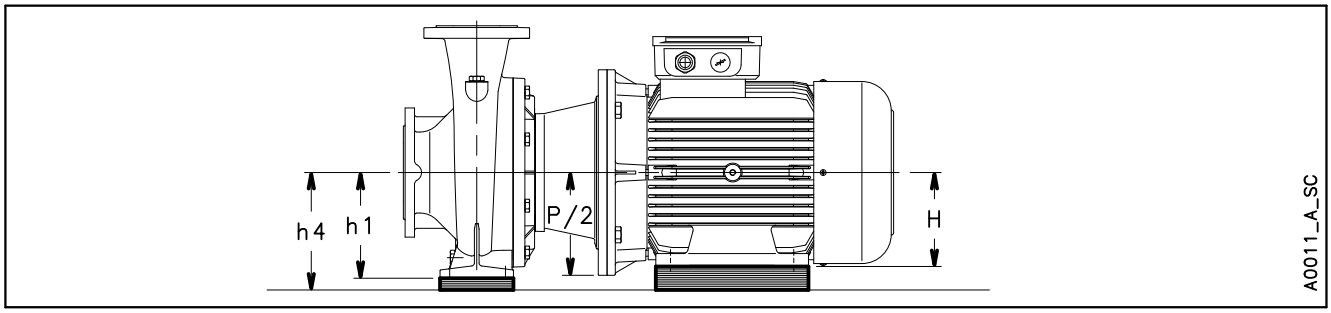
PUMP TYPE NSCE..4	DIMENSIONS (mm)				SHIM* CODE	
	PUMP	MOTOR				
	h1	P/2	H	h4	Pump	Motor
32-125/02/S	112	-	-	112	-	-
32-125/03/S	112	-	-	112	-	-
32-125/05/S	112	-	-	112	-	-
32-125/07/X	112	-	-	112	-	-
32-160/05/S	132	-	-	132	-	-
32-160/07/X	132	-	-	132	-	-
32-160/11/P	132	-	-	132	-	-
32-200/11/P	160	-	-	160	-	-
32-200/15/P	160	-	-	160	-	-
32-250/22/P	180	-	-	180	-	-
32-250/30A/P	180	-	-	180	-	-
32-250/30/P	180	-	-	180	-	-
32-250/40/P	180	-	-	180	-	-
40-125/03/S	112	-	-	112	-	-
40-125/05/S	112	-	-	112	-	-
40-125/07A/X	112	-	-	112	-	-
40-125/07/X	112	-	-	112	-	-
40-160/07/X	132	-	-	132	-	-
40-160/11/P	132	-	-	132	-	-
40-160/15A/P	132	-	-	132	-	-
40-160/15/P	132	-	-	132	-	-
40-200/15/P	160	-	-	160	-	-
40-250/22/P	180	-	-	180	-	-
40-250/30/P	180	-	-	180	-	-
40-250/40/P	180	-	-	180	-	-
40-250/55/P	180	-	-	180	-	-
50-125/07/X	132	-	-	132	-	-
50-125/11A/P	132	-	-	132	-	-
50-125/11/P	132	-	-	132	-	-
50-125/15/P	132	-	-	132	-	-
50-160/11/P	160	-	-	160	-	-
50-160/15/P	160	-	-	160	-	-
50-200/22/P	160	-	-	160	-	-
50-200/30A/P	160	-	-	160	-	-
50-200/30/P	160	-	-	160	-	-
50-200/40/P	160	-	-	160	-	-
50-250/40/P	180	-	-	180	-	-
50-250/55/P	180	-	-	180	-	-
50-250/75/P	180	-	-	180	-	-

PUMP TYPE NSCE..4	DIMENSIONS (mm)				SHIM* CODE	
	PUMP	MOTOR				
	h1	P/2	H	h4	Pump	Motor
65-125/11A/P	160	-	-	160	-	-
65-125/11/P	160	-	-	160	-	-
65-125/15/P	160	-	-	160	-	-
65-160/22A/P	160	-	-	160	-	-
65-160/22/P	160	-	-	160	-	-
65-160/30/P	160	-	-	160	-	-
65-160/40/P	160	-	-	160	-	-
65-200/30/P	180	-	-	180	-	-
65-200/40/P	180	-	-	180	-	-
65-200/55A/P	180	-	-	180	-	-
65-200/55/P	180	-	-	180	-	-
65-200/75/P	180	-	-	180	-	-
80-160/22/P	180	-	-	180	-	-
80-160/30/P	180	-	-	180	-	-
80-160/40/P	180	-	-	180	-	-
80-160/55/P	180	-	-	180	-	-

* On request.

Nsce-32-80sp_4p60-en_a_td

NSCS 32 ÷ 80 SERIES, 2 POLES
SHIM FOR PUMP AND MOTOR FEET

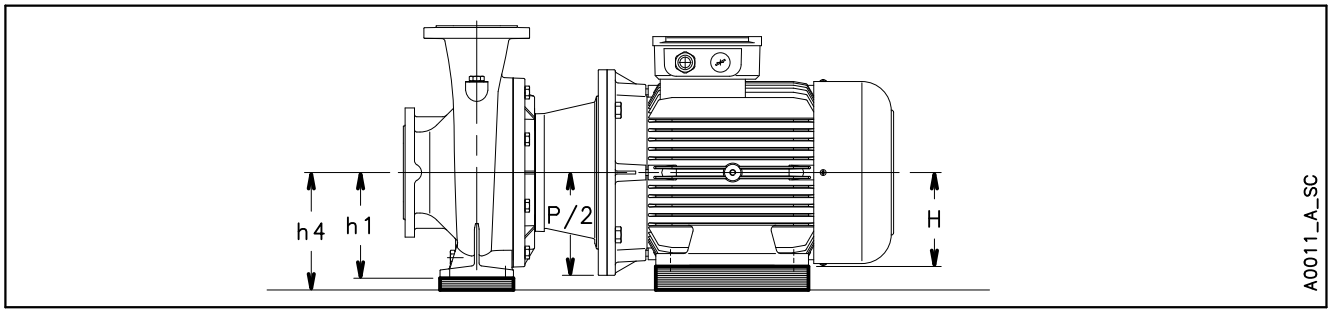


PUMP TYPE	DIMENSIONS (mm)				SHIM*	
NSCS..2	PUMP	MOTOR			CODE	
	h1	P/2	H	h4	Pump	Motor
32-125/15/S	112	100	-	112	-	-
32-125/22/P	112	100	-	112	-	-
32-125/30/P	112	125	-	132	2 x 161403210	-
32-125/40/P	112	125	-	132	2 x 161403210	-
32-125/55/P	112	150	-	160	4 x 161403210 2 x 161407550	-
32-160/40/P	132	125	-	132	-	-
32-160/55/P	132	150	-	160	2 x 161403210 2 x 161407550	-
32-160/75/P	132	150	-	160	2 x 161403210 2 x 161407550	-
32-160/110A/P	132	175	160	180	4 x 161403210 2 x 161407550	2 x 161407670
32-200/75/P	160	150	-	160	-	-
32-200/110A/P	160	175	160	180	2 x 161403210	2 x 161407670
32-200/110/P	160	175	160	180	2 x 161403210	2 x 161407670
32-250/110/P	180	175	160	180	-	2 x 161407670
32-250/150/P	180	175	160	180	-	2 x 161407670
32-250/185/P	180	175	160	180	-	2 x 161407670
32-250/220/P	180	175	160	180	-	2 x 161407670
40-125/30/P	112	125	-	132	2 x 161403210	-
40-125/40/P	112	125	-	132	2 x 161403210	-
40-125/55/P	112	150	-	160	4 x 161403210 2 x 161407550	-
40-125/75/P	112	150	-	160	4 x 161403210 2 x 161407550	-
40-160/55/P	132	150	-	160	2 x 161403210 2 x 161407550	-
40-160/75/P	132	150	-	160	2 x 161403210 2 x 161407550	-
40-160/110A/P	132	175	160	180	4 x 161403210 2 x 161407550	2 x 161407670
40-160/110/P	132	175	160	180	4 x 161403210 2 x 161407550	2 x 161407670
40-200/110A/P	160	175	160	180	2 x 161403210	2 x 161407670
40-200/110/P	160	175	160	180	2 x 161403210	2 x 161407670
40-200/150/P	160	175	160	180	2 x 161403210	2 x 161407670
40-200/185/P	160	175	160	180	2 x 161403210	2 x 161407670
40-250/185/P	180	175	160	180	-	2 x 161407670
40-250/220/P	180	175	160	180	-	2 x 161407670
40-250/300/W	180	200	200	200	2 x 161403230	-
40-250/370/W	180	200	200	200	2 x 161403230	-
50-125/55/P	132	150	-	160	2 x 161403210 2 x 161407550	-
50-125/75/P	132	150	-	160	2 x 161403210 2 x 161407550	-
50-125/110A/P	132	175	160	180	4 x 161403210 2 x 161407550	2 x 161407670
50-125/110/P	132	175	160	180	4 x 161403210 2 x 161407550	2 x 161407670

PUMP TYPE	DIMENSIONS (mm)				SHIM*	
NSCS..2	PUMP	MOTOR			CODE	
	h1	P/2	H	h4	Pump	Motor
50-160/110A/P	160	175	160	180	2 x 161403210	2 x 161407670
50-160/110/P	160	175	160	180	2 x 161403210	2 x 161407670
50-160/150/P	160	175	160	180	2 x 161403210	2 x 161407670
50-160/185/P	160	175	160	180	2 x 161403210	2 x 161407670
50-200/185/P	160	175	160	180	2 x 161403210	2 x 161407670
50-200/220/P	160	175	160	180	2 x 161403210	2 x 161407670
50-200/300/W	160	200	200	200	4 x 161403230	-
50-250/220/P	180	175	160	180	-	2 x 161407670
50-250/300/W	180	200	200	200	2 x 161403230	-
50-250/370/W	180	200	200	200	2 x 161403230	-
50-315/550/W	225	275	250	280	2 x 768003140 2 x 768003180	2 x 161407990
50-315/750/W	225	275	280	280	2 x 768003140 2 x 768003180	-
65-125/75/P	160	150	-	160	-	-
65-125/110A/P	160	175	160	180	2 x 161403230	2 x 161407670
65-125/110/P	160	175	160	180	2 x 161403230	2 x 161407670
65-160/150/P	160	175	160	180	2 x 161403230	2 x 161407670
65-160/185/P	160	175	160	180	2 x 161403230	2 x 161407670
65-160/220/P	160	175	160	180	2 x 161403230	2 x 161407670
65-160/300/W	160	200	200	200	4 x 161403230	-
65-200/220/P	180	175	160	180	-	2 x 161407670
65-200/300/W	180	200	200	200	2 x 161403230	-
65-200/370/W	180	200	200	200	2 x 161403230	-
65-250/450/W	200	225	225	225	2 x 161404380	-
65-250/550/W	200	275	250	280	4 x 161404380 2 x 161407800	2 x 161407990
65-250/750/W	200	275	280	280	4 x 161404380 2 x 161407800	-
65-315/750/W	225	275	280	280	2 x 768003140 2 x 768003180	-
65-315/900/W	225	275	280	280	2 x 768003140 2 x 768003180	-
80-160/185/P	180	175	160	180	-	2 x 161407670
80-160/220/P	180	175	160	180	-	2 x 161407670
80-160/300/W	180	200	200	200	2 x 161403230	-
80-160/370/W	180	200	200	200	2 x 161403230	-
80-200/450/W	180	225	225	225	2 x 161403230 2 x 161407570	-
80-200/550/W	180	275	250	280	8 x 161404380	2 x 161407990
80-200/750/W	180	275	280	280	8 x 161404380	-
80-250/550/W	200	275	250	280	4 x 161404380 2 x 161407800	2 x 161407990
80-250/750/W	200	275	280	280	4 x 161404380 2 x 161407800	-

* On request.

NSCS 100 ÷ 125 SERIES, 2 POLES
SHIM FOR PUMP AND MOTOR FEET

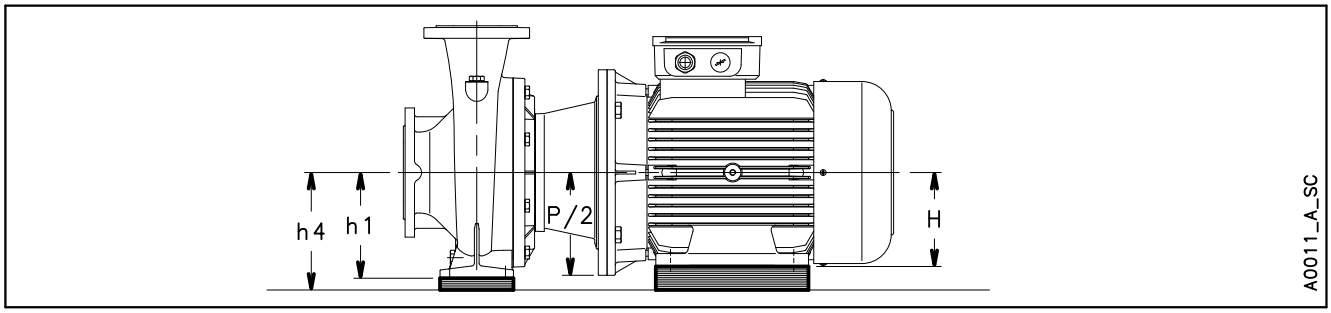


PUMP TYPE	DIMENSIONS (mm)				SHIM*	
NSCS..2	PUMP	MOTOR			CODE	
	h1	P/2	H	h4	Pump	Motor
100-160/300/W	200	200	200	200	-	-
100-160/370/W	200	200	200	200	-	-
100-160/450/W	200	225	225	225	2 x 161404380	-
100-160/550/W	200	275	250	280	2 x 768003170 2 x 768003190	2 x 161407990
100-200/550/W	200	275	250	280	2 x 768003170 2 x 768003190	2 x 161407990
100-200/750/W	200	275	280	280	2 x 768003170 2 x 768003190	-
100-200/900/W	200	275	280	280	2 x 768003170 2 x 768003190	-
100-250/900/W	225	275	280	280	2 x 768003140 2 x 768003180	-
125-200/750/W	250	275	280	280	2 x 768003170	-
125-200/900/W	250	275	280	280	2 x 768003170	-

PUMP TYPE	DIMENSIONS (mm)				SHIM*	
NSCS..2	PUMP	MOTOR			CODE	
	h1	P/2	H	h4	Pump	Motor

* On request.

NSCS 32 ÷ 80 SERIES, 4 POLES
SHIM FOR PUMP AND MOTOR FEET



PUMP TYPE NSCS..4	DIMENSIONS (mm)				SHIM* CODE	
	PUMP	MOTOR				
	h1	P/2	H	h4	Pump	Motor
32-125/05/S	112	100	-	112	-	-
32-125/07/X	112	100	-	112	-	-
32-160/05/S	132	100	-	132	-	-
32-160/07/X	132	100	-	132	-	-
32-160/11/P	132	100	-	132	-	-
32-200/11/P	160	100	-	160	-	-
32-200/15/P	160	100	-	160	-	-
32-200/22/P	160	100	-	160	-	-
32-250/22/P	180	125	-	180	-	-
32-250/30A/P	180	125	-	180	-	-
32-250/30/P	180	125	-	180	-	-
32-250/40/P	180	125	-	180	-	-
40-125/05/S	112	100	-	112	-	-
40-125/07A/X	112	100	-	112	-	-
40-125/07/X	112	100	-	112	-	-
40-160/07/X	132	100	-	132	-	-
40-160/11/P	132	100	-	132	-	-
40-160/15A/P	132	100	-	132	-	-
40-160/15/P	132	100	-	132	-	-
40-200/15/P	160	100	-	160	-	-
40-200/22/P	160	125	-	160	-	-
40-200/30/P	160	125	-	160	-	-
40-250/22/P	180	125	-	180	-	-
40-250/30/P	180	125	-	180	-	-
40-250/40/P	180	125	-	180	-	-
40-250/55/P	180	150	-	180	-	-
50-125/07/X	132	100	-	132	-	-
50-125/11A/P	132	100	-	132	-	-
50-125/11/P	132	100	-	132	-	-
50-125/15/P	132	100	-	132	-	-
50-160/11/P	160	100	-	160	-	-
50-160/15/P	160	100	-	160	-	-
50-160/22/P	160	125	-	160	-	-
50-160/30/P	160	125	-	160	-	-
50-200/22/P	160	125	-	160	-	-
50-200/30A/P	160	125	-	160	-	-
50-200/30/P	160	125	-	160	-	-
50-200/40/P	160	125	-	160	-	-
50-250/40/P	180	125	-	180	-	-
50-250/55/P	180	150	-	180	-	-
50-250/75/P	180	150	-	180	-	-
50-315/75/P	225	150	-	225	-	-
50-315/110/P	225	175	160	225	-	1 x 743760350▲
50-315/150/P	225	175	160	225	-	1 x 743760350▲

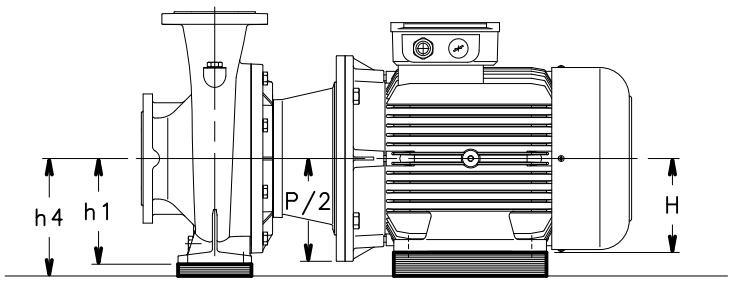
PUMP TYPE NSCS..4	DIMENSIONS (mm)				SHIM* CODE	
	PUMP	MOTOR				
	h1	P/2	H	h4	Pump	Motor
65-125/11A/P	160	100	-	160	-	-
65-125/11/P	160	100	-	160	-	-
65-125/15/P	160	100	-	160	-	-
65-125/22/P	160	125	-	160	-	-
65-160/22A/P	160	125	-	160	-	-
65-160/22/P	160	125	-	160	-	-
65-160/30/P	160	125	-	160	-	-
65-160/40/P	160	125	-	160	-	-
65-200/30/P	180	125	-	180	-	-
65-200/40/P	180	125	-	180	-	-
65-200/55A/P	180	150	-	180	-	-
65-200/55/P	180	150	-	180	-	-
65-200/75/P	180	150	-	180	-	-
65-250/110A/P	200	175	160	200	-	4 x 161407670
65-250/110/P	200	175	160	200	-	4 x 161407670
65-315/110/P	225	175	160	225	-	1 x 743760350▲
65-315/150/P	225	175	160	225	-	1 x 743760350▲
65-315/185/W	225	175	180	225	-	2 x 768082180 4 x 161407590
65-315/220/W	225	175	180	225	-	2 x 768082180 4 x 161407590
80-160/22/P	180	125	-	180	-	-
80-160/30/P	180	125	-	180	-	-
80-160/40/P	180	125	-	180	-	-
80-160/55/P	180	150	-	180	-	-
80-200/55/P	180	150	-	180	-	-
80-200/75/P	180	150	-	180	-	-
80-200/110/P	180	175	-	180	-	-
80-250/75/P	200	150	-	200	-	-
80-250/110A/P	200	175	160	200	-	4 x 161407670
80-250/110/P	200	175	160	200	-	4 x 161407670
80-250/150/P	200	175	160	200	-	4 x 161407670
80-315/150/P	250	175	160	250	-	1 x 743760360▲
80-315/185/W	250	175	180	250	-	1 x 743760290▲
80-315/220/W	250	175	180	250	-	1 x 743760290▲
80-315/300/W	250	200	200	250	-	1 x 743760220▲
80-400/370/W	280	225	225	280	-	1 x 743760170▲
80-400/450/W	280	225	225	280	-	1 x 743760170▲
80-400/550/W	280	275	250	280	-	2 x 161407990
80-400/750/W	280	275	280	280	-	-

* On request. ▲Support base kit.

Nscs-32-80sp_4p60-en_a_td

GOULDS WATER TECHNOLOGY
a xylem brand

NSCS 100 ÷ 200 SERIES, 4 POLES
SHIM FOR PUMP AND MOTOR FEET



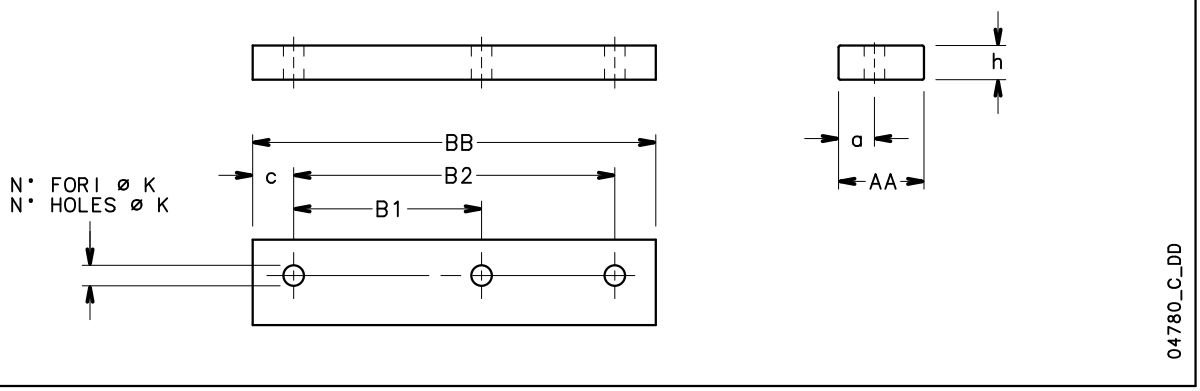
PUMP TYPE NSCS..4	DIMENSIONS (mm)				SHIM* CODE	
	PUMP	MOTOR				
	h1	P/2	H	h4	Pump	Motor
100-160/40/P	200	125	-	200	-	-
100-160/55/P	200	150	-	200	-	-
100-160/75/P	200	150	-	200	-	-
100-200/55/P	200	150	-	200	-	-
100-200/75/P	200	150	-	200	-	-
100-200/110/P	200	175	160	200	-	4 x 161407670
100-200/150/P	200	175	160	200	-	4 x 161407670
100-250/110/P	225	175	160	225	-	1 x 743760350▲
100-250/150/P	225	175	160	225	-	1 x 743760350▲
100-250/185/W	225	175	180	225	-	2 x 768082180
						4 x 161407590
100-315/220/W	250	175	180	250	-	1 x 743760290▲
100-315/300/W	250	200	200	250	-	1 x 743760220▲
100-400/450/W	280	225	225	280	-	1 x 743760170▲
100-400/550/W	280	275	250	280	-	2 x 161407990
100-400/750/W	280	275	280	280	-	-
125-200/75/P	250	150	-	250	-	-
125-200/110/P	250	175	160	250	-	1 x 743760360▲
125-200/150/P	250	175	160	250	-	1 x 743760360▲
125-200/185/W	250	200	180	250	-	1 x 743760290▲
125-250/150/P	250	175	160	250	-	1 x 743760360▲
125-250/185/W	250	175	180	250	-	1 x 743760290▲
125-250/220/W	250	175	180	250	-	1 x 743760290▲
125-250/300/W	250	200	200	250	-	1 x 743760220▲
125-315/300/W	280	200	200	280	-	1 x 743760230▲
125-315/370/W	280	225	225	280	-	1 x 743760170▲
125-315/450/W	280	225	225	280	-	1 x 743760170▲
125-315/550/W	280	275	250	280	-	2 x 161407990
125-315/750/W	280	275	280	280	-	-
125-400/550/W	315	275	250	315	-	1 x 743760130▲
125-400/750/W	315	275	280	315	-	2 x 768082130
125-400/900/W	315	275	280	315	-	2 x 768082130
150-200/150/P	280	175	160	280	-	1 x 743760370▲
150-200/185/W	280	175	180	280	-	1 x 743760300▲
150-200/220/W	280	175	180	280	-	1 x 743760300▲
150-200/300/W	280	200	200	280	-	1 x 743760230▲
150-250/220/W	280	175	180	280	-	1 x 743760300▲
150-250/300/W	280	200	200	280	-	1 x 743760230▲
150-250/370/W	280	225	225	280	-	1 x 743760170▲
150-250/450/W	280	225	225	280	-	1 x 743760170▲

PUMP TYPE NSCS..4	DIMENSIONS (mm)				SHIM* CODE	
	PUMP	MOTOR				
	h1	P/2	H	h4	Pump	Motor
150-315/450/W	280	225	225	280	-	1 x 743760170▲
150-315/550/W	280	275	250	280	-	2 x 161407990
150-315/750/W	280	275	280	280	-	-
150-315/900/W	280	275	280	280	-	-
150-400/750/W	315	275	280	315	-	2 x 768082130
150-400/900/W	315	275	280	315	-	2 x 768082130
200-250/300/W	355	200	200	355	-	1 x 743760250▲
200-250/370/W	355	225	225	355	-	1 x 743760190▲
200-250/450/W	355	225	225	355	-	1 x 743760190▲
200-250/550/W	355	225	250	355	-	1 x 743760140▲
200-315/550/W	355	275	250	355	-	1 x 743760140▲
200-315/750/W	355	275	280	355	-	1 x 743760100▲
200-315/900/W	355	275	280	355	-	1 x 743760100▲

* On request. ▲Support base kit.

Nscs-100-200sp_4p60-en_a_td

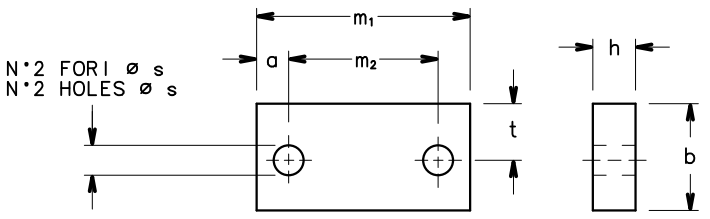
SHIM FOR MOTOR FEET

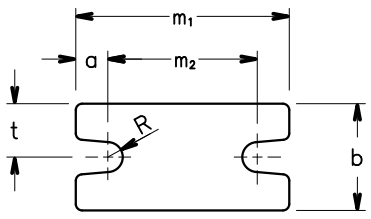


CODE	DIMENSIONS (mm) DENOMINATION AA	x	h	x	BB	a	B1	B2	c	HOLES N°	ø K
161402570	35		20		125	17	100	-	12,5	2	10
161402320	40		10		155	20	100	125	15	3	10
161402340	40		12		155	20	100	125	15	3	10
161402360	40		12		180	17	140	-	20	2	14
161402380	40		20		180	17	140	-	20	2	14
161402400	40		30		155	20	100	125	15	3	10
161402420	40		40		180	17	140	-	20	2	14
161402440	50		8		226	21	140	178	24	3	14
161402460	50		20		226	21	140	178	24	3	14
161407670	50		20		304	25	210	254	25	3	14
161407690	50		30		304	25	210	254	25	3	14
768082180	80		5		332	35.5	241	279	26,5	3	14
768082190	80		10		332	35.5	241	279	26,5	3	14
161407590	80		20		332	35.5	241	279	26,5	3	14
768082110	80		25		370	33,5	305	-	32,5	2	19
768082120	80		25		412	40	286	311	50,5	3	19
161407990	100		30		467	50	311	349	59	3	22
768082130	100		35		517	50	368	419	49	3	24

SHIM FOR PUMP FEET

sp-mot-nscs-nscf-en_d_td



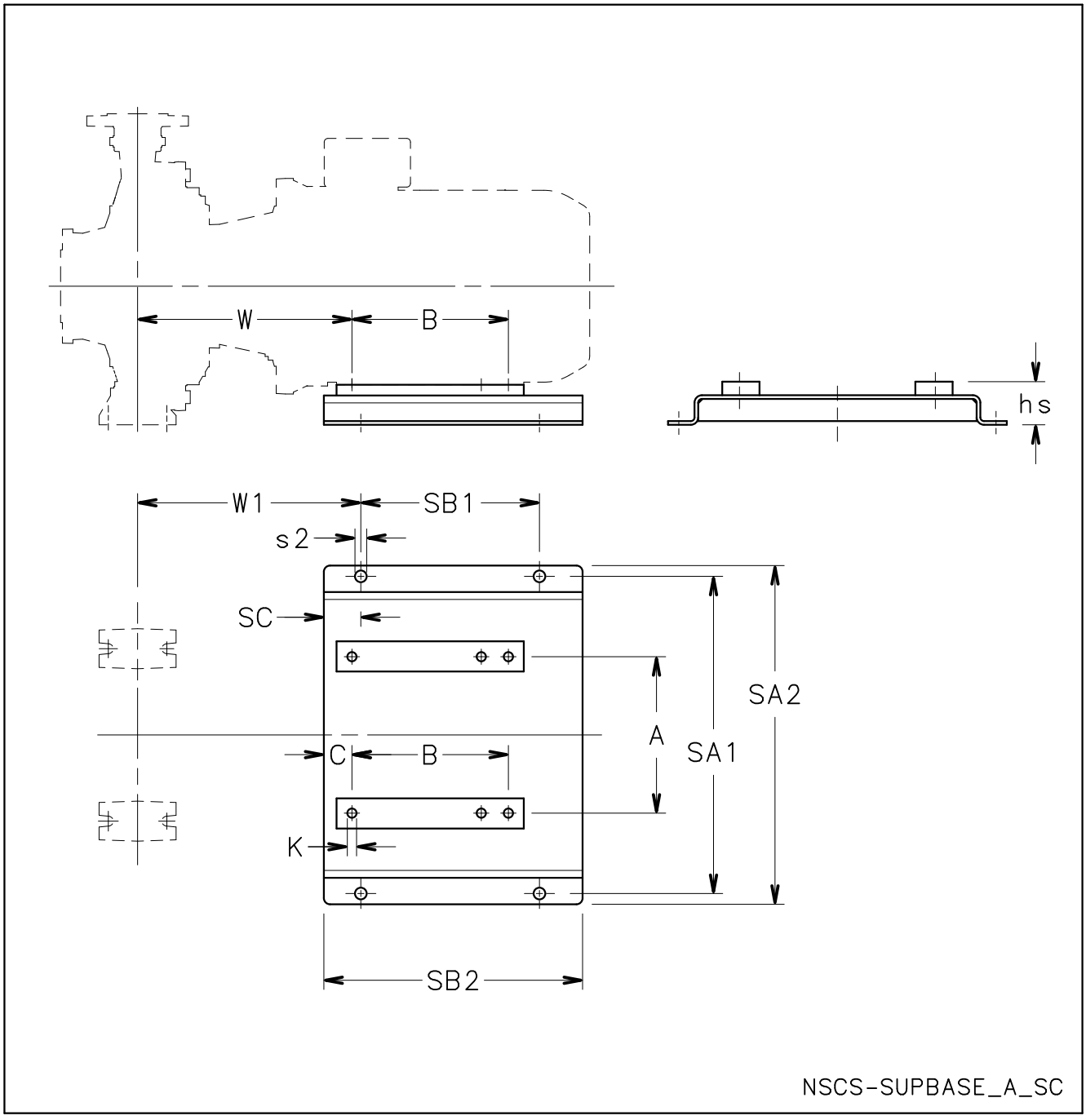


04780A_C_DD

CODE	DIMENSIONS (mm) DENOMINATION b	x	h	x	m_1	a	m_2	ø s	R	t
161407770	40		10		160	25	110	14	-	16,5
161403250	40		20		160	25	110	14	-	16,5
161404360	40		25		160	25	110	14	-	16,5
161407780	40		30		160	25	110	14	-	16,5
161407550	50		8		100	15	70	14	-	26,5
161403210	50		20		100	15	70	14	-	26,5
161403230	70		20		125	15	95	14	-	37,5
161407570	70		25		125	15	95	14	-	37,5
161407790	80		10		160	20	120	18	-	42,5
161404380	80		25		160	20	120	18	-	42,5
161407800	80		30		160	20	120	18	-	42,5
768003140	85		10		160	32,5	95 / 120	-	9	42,5
768003150	85		15		160	32,5	95 / 120	-	9	42,5
768003170	85		30		160	32,5	95 / 120	-	9	42,5
768003180	85		45		160	32,5	95 / 120	-	9	42,5
768003190	85		50		160	32,5	95 / 120	-	9	42,5

sp-pompa-nscf-en_d_td

NSCS SUPPORT BASE KIT



NSCS SUPPORT BASE KIT

CODE	PUMP TYPE		DIMENSIONS (mm)											
KIT	NSCS..4	A	B	C	hs	K	W	W1	SA1	SA2	SB1	SB2	SC	s2
743760350	50-315/110/P	254	210	32,5	65	14,5	348	375,5	515	550	290	420	60	19
743760350	50-315/150/P	254	254	32,5	65	14,5	348	375,5	515	550	290	420	60	19
743760350	65-315/110/P	254	210	32,5	65	14,5	348	375,5	515	550	290	420	60	19
743760350	65-315/150/P	254	254	32,5	65	14,5	348	375,5	515	550	290	420	60	19
743760360	80-315/150/P	254	254	32,5	90	14,5	348	375,5	515	550	290	420	60	19
743760290	80-315/185/W	279	241	45,5	70	14,5	361	375,5	515	550	290	420	60	19
743760290	80-315/220/W	279	279	45,5	70	14,5	361	375,5	515	550	290	420	60	19
743760220	80-315/300/W	318	305	57,5	50	18,5	379	381,5	515	550	290	420	60	19
743760170	80-400/370/W	356	286/311	60	55	18,5	433	433	605	640	392	510	60	19
743760170	80-400/450/W	356	286/311	60	55	18,5	433	433	605	640	392	510	60	19
743760350	100-250/110/P	254	210	32,5	65	14,5	348	375,5	515	550	290	420	60	19
743760350	100-250/150/P	254	254	32,5	65	14,5	348	375,5	515	550	290	420	60	19
743760290	100-315/220/W	279	279	45,5	70	14,5	361	375,5	515	550	290	420	60	19
743760220	100-315/300/W	318	305	57,5	50	18,5	379	381,5	515	550	290	420	60	19
743760170	100-400/450/W	356	286/311	60	55	18,5	433	433	605	640	392	510	60	19
743760360	125-200/110/P	254	210	32,5	90	14,5	348	375,5	515	550	290	420	60	19
743760360	125-200/150/P	254	254	32,5	90	14,5	348	375,5	515	550	290	420	60	19
743760290	125-200/185/W	279	241	45,5	70	14,5	361	375,5	515	550	290	420	60	19
743760360	125-250/150/P	254	254	32,5	90	14,5	348	375,5	515	550	290	420	60	19
743760290	125-250/185/W	279	241	45,5	70	14,5	361	375,5	515	550	290	420	60	19
743760290	125-250/220/W	279	279	45,5	70	14,5	361	375,5	515	550	290	420	60	19
743760220	125-250/300/W	318	305	57,5	50	18,5	379	381,5	515	550	290	420	60	19
743760230	125-315/300/W	318	305	57,5	80	18,5	387	389,5	515	550	290	420	60	19
743760170	125-315/370/W	356	286/311	60	55	18,5	433	433	605	640	392	510	60	19
743760170	125-315/450/W	356	286/311	60	55	18,5	433	433	605	640	392	510	60	19
743760130	125-400/550/W	406	349	79	65	24	452	433	605	640	392	510	60	19
743760370	150-200/150/P	254	254	32,5	120	14,5	348	375,5	515	550	290	420	60	19
743760300	150-200/185/W	279	241	45,5	100	14,5	361	375,5	515	550	290	420	60	19
743760300	150-200/220/W	279	279	45,5	100	14,5	361	375,5	515	550	290	420	60	19
743760230	150-200/300/W	318	305	57,5	80	18,5	379	381,5	515	550	290	420	60	19
743760300	150-250/220/W	279	279	45,5	100	14,5	375	389,5	515	550	290	420	60	19
743760230	150-250/300/W	318	305	57,5	80	18,5	387	389,5	515	550	290	420	60	19
743760170	150-250/370/W	356	286/311	60	55	18,5	433	433	605	640	392	510	60	19
743760170	150-250/450/W	356	286/311	60	55	18,5	433	433	605	640	392	510	60	19
743760170	150-315/450/W	356	286/311	60	55	18,5	433	433	605	640	392	510	60	19
743760250	200-250/300/W	318	305	57,5	155	18,5	387	389,5	515	550	290	420	60	19
743760190	200-250/370/W	356	286/311	60	130	18,5	433	433	605	640	392	510	60	19
743760190	200-250/450/W	356	286/311	60	130	18,5	433	433	605	640	392	510	60	19
743760140	200-250/550/W	406	349	79	105	24	452	433	605	640	392	510	60	19
743760140	200-315/550/W	406	349	79	105	24	452	433	605	640	392	510	60	19
743760100	200-315/750/W	457	368/419	70,5	75	24	474	473,5	655	690	420	560	70	19
743760100	200-315/900/W	457	368/419	70,5	75	24	474	473,5	655	690	420	560	70	19

Nscs-supbase_4p60-en_b_td

GOULDS WATER TECHNOLOGY
a xylem brand

REPORTS AND DECLARATIONS

REPORTS AND DECLARATIONS

i) Test reports

a) **Factory Test Report**
- Test report compiled at the end of the assembly line, including flow-head performance test (ISO 9906:2012 – Grade 3B) and hydrostatic pressure test.

b) **Audit Test Report**
- Test report for electric pumps compiled in the test room, comprising flow-head-pump input-pump efficiency performance test (according to ISO 9906:2012)

c) **NPSH Test Report**
- Test report for electric pumps compiled in the test room, comprising flow-NPSH performance test (according to ISO 9906:2012)

d) **Noise Test Report**
- Report indicating sound pressure and power measurements (EN ISO 20361, EN ISO 11203, EN ISO 4871)

e) **Vibration Test Report**
(unavailable for submerged or submergible pumps)
- Report indicating vibration measurements (ISO 10816-1)

ii) Declaration of product conformity with the technical requirements indicated in the order

a) **EN 10204:2004 - type 2.1**
- does not include test results on supplied or similar products.

b) **EN 10204:2004 - type 2.2**
- includes test results (materials certificates) on similar products.

iii) Issue of a further EC Declaration of Conformity,
- in addition to the one accompanying the product, it comprises references to European law and the main technical standards (e.g.: MD 2006/42/EC, EMCD 2004/108/EC, ErP 2009/125/EC).

N.B.: if the request is made after receipt of the product, communicate the code (name) and serial number (date + progressive number).

iv) Manufacturer's declaration of conformity
- relative to one of more types of products without indicating specific codes and serial numbers.

v) Other certificates and/or documentation on request
- subject to availability or feasibility.

vi) Duplication of certificates and/or documentation on request
- subject to availability or feasibility.

GOULDS WATER TECHNOLOGY
a xylem brand

TECHNICAL APPENDIX

NPSH

The minimum operating values that can be reached at the pump suction end are limited by the onset of cavitation.

Cavitation is the formation of vapour-filled cavities within liquids where the pressure is locally reduced to a critical value, or where the local pressure is equal to, or just below the vapour pressure of the liquid.

The vapour-filled cavities flow with the current and when they reach a higher pressure area the vapour contained in the cavities condenses. The cavities collide, generating pressure waves that are transmitted to the walls. These, being subjected to stress cycles, gradually become deformed and yield due to fatigue. This phenomenon, characterized by a metallic noise produced by the hammering on the pipe walls, is called incipient cavitation.

The damage caused by cavitation may be magnified by electrochemical corrosion and a local rise in temperature due to the plastic deformation of the walls. The materials that offer the highest resistance to heat and corrosion are alloy steels, especially austenitic steel. The conditions that trigger cavitation may be assessed by calculating the total net suction head, referred to in technical literature with the acronym NPSH (Net Positive Suction Head).

The NPSH represents the total energy (expressed in m.) of the liquid measured at suction under conditions of incipient cavitation, excluding the vapour pressure (expressed in m.) that the liquid has at the pump inlet.

To find the static height hz at which to install the machine under safe conditions, the following formula must be verified:

hp + hz $\geq$ **(NPSHr + 0.5) + hf + hpv** ①

where:

hp is the absolute pressure applied to the free liquid surface in the suction tank, expressed in m. of liquid; hp is the quotient between the barometric pressure and the specific weight of the liquid.

hz is the suction lift between the pump axis and the free liquid surface in the suction tank, expressed in m.; hz is negative when the liquid level is lower than the pump axis.

hf is the flow resistance in the suction line and its accessories, such as: fittings, foot valve, gate valve, elbows, etc.

hpv is the vapour pressure of the liquid at the operating temperature, expressed in m. of liquid. hpv is the quotient between the Pv vapour pressure and the liquid's specific weight.

0,5 is the safety factor.

The maximum possible suction head for installation depends on the value of the atmospheric pressure (i.e. the elevation above sea level at which the pump is installed) and the temperature of the liquid.

To help the user, with reference to water temperature (4° C) and to the elevation above sea level, the following tables show the drop in hydraulic pressure head in relation to the elevation above sea level, and the suction loss in relation to temperature.

Water temperature (°C)	20	40	60	80	90	110	120
Suction loss (m)	0,2	0,7	2,0	5,0	7,4	15,4	21,5

Elevation above sea level (m)	500	1000	1500	2000	2500	3000
Suction loss (m)	0,55	1,1	1,65	2,2	2,75	3,3

Friction loss is shown in the tables Flow Resistance of this catalogue. To reduce it to a minimum, especially in cases of high suction head (over 4-5 m.) or within the operating limits with high flow rates, we recommend using a suction line having a larger diameter than that of the pump's suction port.
It is always a good idea to position the pump as close as possible to the liquid to be pumped.

Make the following calculation:

Liquid: water at ~15°C $\gamma = 1$ kg/dm^3
Flow rate required: 25 m^3/h
Head for required delivery: 70 m.
Suction lift: 3,5 m.
The selection is an 33SV3G075T pump whose NPSH required value is, at 25 m^3/h, of 2 m.

For water at 15 °C

hp = Pa / γ = 10,33m, hpv = Pv / γ = 0,174m (0,01701 bar)

The Hf flow resistance in the suction line with foot valves is ~ 1,2 m.
By substituting the parameters in formula ① with the numeric values above, we have:

$10,33 + (-3,5) \geq (2 + 0,5) + 1,2 + 0,17$

from which we have: $6,8 > 3,9$

The relation is therefore verified.

VAPOUR PRESSURE ps AND DENSITY ρ OF WATER TABLE

t	T	ps	ρ
°C	K	bar	kg/dm³
0	273,15	0,00611	0,9998
1	274,15	0,00657	0,9999
2	275,15	0,00706	0,9999
3	276,15	0,00758	0,9999
4	277,15	0,00813	1,0000
5	278,15	0,00872	1,0000
6	279,15	0,00935	1,0000
7	280,15	0,01001	0,9999
8	281,15	0,01072	0,9999
9	282,15	0,01147	0,9998
10	283,15	0,01227	0,9997
11	284,15	0,01312	0,9997
12	285,15	0,01401	0,9996
13	286,15	0,01497	0,9994
14	287,15	0,01597	0,9993
15	288,15	0,01704	0,9992
16	289,15	0,01817	0,9990
17	290,15	0,01936	0,9988
18	291,15	0,02062	0,9987
19	292,15	0,02196	0,9985
20	293,15	0,02337	0,9983
21	294,15	0,24850	0,9981
22	295,15	0,02642	0,9978
23	296,15	0,02808	0,9976
24	297,15	0,02982	0,9974
25	298,15	0,03166	0,9971
26	299,15	0,03360	0,9968
27	300,15	0,03564	0,9966
28	301,15	0,03778	0,9963
29	302,15	0,04004	0,9960
30	303,15	0,04241	0,9957
31	304,15	0,04491	0,9954
32	305,15	0,04753	0,9951
33	306,15	0,05029	0,9947
34	307,15	0,05318	0,9944
35	308,15	0,05622	0,9940
36	309,15	0,05940	0,9937
37	310,15	0,06274	0,9933
38	311,15	0,06624	0,9930
39	312,15	0,06991	0,9927
40	313,15	0,07375	0,9923
41	314,15	0,07777	0,9919
42	315,15	0,08198	0,9915
43	316,15	0,09639	0,9911
44	317,15	0,09100	0,9907
45	318,15	0,09582	0,9902
46	319,15	0,10086	0,9898
47	320,15	0,10612	0,9894
48	321,15	0,11162	0,9889
49	322,15	0,11736	0,9884
50	323,15	0,12335	0,9880
51	324,15	0,12961	0,9876
52	325,15	0,13613	0,9871
53	326,15	0,14293	0,9862
54	327,15	0,15002	0,9862

t	T	ps	ρ
°C	K	bar	kg/dm³
55	328,15	0,15741	0,9857
56	329,15	0,16511	0,9852
57	330,15	0,17313	0,9846
58	331,15	0,18147	0,9842
59	332,15	0,19016	0,9837
60	333,15	0,1992	0,9832
61	334,15	0,2086	0,9826
62	335,15	0,2184	0,9821
63	336,15	0,2286	0,9816
64	337,15	0,2391	0,9811
65	338,15	0,2501	0,9805
66	339,15	0,2615	0,9799
67	340,15	0,2733	0,9793
68	341,15	0,2856	0,9788
69	342,15	0,2984	0,9782
70	343,15	0,3116	0,9777
71	344,15	0,3253	0,9770
72	345,15	0,3396	0,9765
73	346,15	0,3543	0,9760
74	347,15	0,3696	0,9753
75	348,15	0,3855	0,9748
76	349,15	0,4019	0,9741
77	350,15	0,4189	0,9735
78	351,15	0,4365	0,9729
79	352,15	0,4547	0,9723
80	353,15	0,4736	0,9716
81	354,15	0,4931	0,9710
82	355,15	0,5133	0,9704
83	356,15	0,5342	0,9697
84	357,15	0,5557	0,9691
85	358,15	0,5780	0,9684
86	359,15	0,6011	0,9678
87	360,15	0,6249	0,9671
88	361,15	0,6495	0,9665
89	362,15	0,6749	0,9658
90	363,15	0,7011	0,9652
91	364,15	0,7281	0,9644
92	365,15	0,7561	0,9638
93	366,15	0,7849	0,9630
94	367,15	0,8146	0,9624
95	368,15	0,8453	0,9616
96	369,15	0,8769	0,9610
97	370,15	0,9094	0,9602
98	371,15	0,9430	0,9596
99	372,15	0,9776	0,9586
100	373,15	1,0133	0,9581
102	375,15	1,0878	0,9567
104	377,15	1,1668	0,9552
106	379,15	1,2504	0,9537
108	381,15	1,3390	0,9522
110	383,15	1,4327	0,9507
112	385,15	1,5316	0,9491
114	387,15	1,6362	0,9476
116	389,15	1,7465	0,9460
118	391,15	1,8628	0,9445

t	T	ps	ρ
°C	K	bar	kg/dm³
120	393,15	1,9854	0,9429
122	395,15	2,1145	0,9412
124	397,15	2,2504	0,9396
126	399,15	2,3933	0,9379
128	401,15	2,5435	0,9362
130	403,15	2,7013	0,9346
132	405,15	2,867	0,9328
134	407,15	3,041	0,9311
136	409,15	3,223	0,9294
138	411,15	3,414	0,9276
140	413,15	3,614	0,9258
145	418,15	4,155	0,9214
155	428,15	5,433	0,9121
160	433,15	6,181	0,9073
165	438,15	7,008	0,9024
170	433,15	7,920	0,8973
175	448,15	8,924	0,8921
180	453,15	10,027	0,8869
185	458,15	11,233	0,8815
190	463,15	12,551	0,8760
195	468,15	13,987	0,8704
200	473,15	15,550	0,8647
205	478,15	17,243	0,8588
210	483,15	19,077	0,8528
215	488,15	21,060	0,8467
220	493,15	23,198	0,8403
225	498,15	25,501	0,8339
230	503,15	27,976	0,8273
235	508,15	30,632	0,8205
240	513,15	33,478	0,8136
245	518,15	36,523	0,8065
250	523,15	39,776	0,7992
255	528,15	43,246	0,7916
260	533,15	46,943	0,7839
265	538,15	50,877	0,7759
270	543,15	55,058	0,7678
275	548,15	59,496	0,7593
280	553,15	64,202	0,7505
285	558,15	69,186	0,7415
290	563,15	74,461	0,7321
295	568,15	80,037	0,7223
300	573,15	85,927	0,7122
305	578,15	92,144	0,7017
310	583,15	98,70	0,6906
315	588,15	105,61	0,6791
320	593,15	112,89	0,6669
325	598,15	120,56	0,6541
330	603,15	128,63	0,6404
340	613,15	146,05	0,6102
350	623,15	165,35	0,5743
360	633,15	186,75	0,5275
370	643,15	210,54	0,4518
374,15	647,30	221,20	0,3154

G-at_npsh_b_sc

TABLE OF FLOW RESISTANCE IN 100 m OF STRAIGHT CAST IRON PIPELINE (HAZEN-WILLIAMS FORMULA C=100)

FLOW RATE			NOMINAL DIAMETER in mm and inches															
m^3/h	l/min		15 1/2"	20 3/4"	25 1"	32 1 1/4"	40 1 1/2"	50 2	65 2 1/2"	80 3"	100 4"	125 5"	150 6"	175 7"	200 8"	250 10"	300 12"	350 14"	400 16"
0,6	10	v	0,94	0,53	0,34	0,21	0,13												
		hr	16	3,94	1,33	0,40	0,13												
0,9	15	v	1,42	0,80	0,51	0,31	0,20												
		hr	33,9	8,35	2,82	0,85	0,29												
1,2	20	v	1,89	1,06	0,68	0,41	0,27	0,17											
		hr	57,7	14,21	4,79	1,44	0,49	0,16											
1,5	25	v	2,36	1,33	0,85	0,52	0,33	0,21											
		hr	87,2	21,5	7,24	2,18	0,73	0,25											
1,8	30	v	2,83	1,59	1,02	0,62	0,40	0,25											
		hr	122	30,1	10,1	3,05	1,03	0,35											
2,1	35	v	3,30	1,86	1,19	0,73	0,46	0,30											
		hr	162	40,0	13,5	4,06	1,37	0,46											
2,4	40	v		2,12	1,36	0,83	0,53	0,34	0,20										
		hr		51,2	17,3	5,19	1,75	0,59	0,16										
3	50	v		2,65	1,70	1,04	0,66	0,42	0,25										
		hr		77,4	26,1	7,85	2,65	0,89	0,25										
3,6	60	v		3,18	2,04	1,24	0,80	0,51	0,30										
		hr		108	36,6	11,0	3,71	1,25	0,35										
4,2	70	v		3,72	2,38	1,45	0,93	0,59	0,35										
		hr		144	48,7	14,6	4,93	1,66	0,46										
4,8	80	v		4,25	2,72	1,66	1,06	0,68	0,40										
		hr		185	62,3	18,7	6,32	2,13	0,59										
5,4	90	v			3,06	1,87	1,19	0,76	0,45	0,30									
		hr			77,5	23,3	7,85	2,65	0,74	0,27									
6	100	v			3,40	2,07	1,33	0,85	0,50	0,33									
		hr			94,1	28,3	9,54	3,22	0,90	0,33									
7,5	125	v			4,25	2,59	1,66	1,06	0,63	0,41									
		hr			142	42,8	14,4	4,86	1,36	0,49									
9	150	v				3,11	1,99	1,27	0,75	0,50	0,32								
		hr				59,9	20,2	6,82	1,90	0,69	0,23								
10,5	175	v				3,63	2,32	1,49	0,88	0,58	0,37								
		hr				79,7	26,9	9,07	2,53	0,92	0,31								
12	200	v				4,15	2,65	1,70	1,01	0,66	0,42								
		hr				102	34,4	11,6	3,23	1,18	0,40								
15	250	v				5,18	3,32	2,12	1,26	0,83	0,53	0,34							
		hr				154	52,0	17,5	4,89	1,78	0,60	0,20							
18	300	v					3,98	2,55	1,51	1,00	0,64	0,41							
		hr					72,8	24,6	6,85	2,49	0,84	0,28							
24	400	v					5,31	3,40	2,01	1,33	0,85	0,54	0,38						
		hr					124	41,8	11,66	4,24	1,43	0,48	0,20						
30	500	v					6,63	4,25	2,51	1,66	1,06	0,68	0,47						
		hr					187	63,2	17,6	6,41	2,16	0,73	0,30						
36	600	v						5,10	3,02	1,99	1,27	0,82	0,57	0,42					
		hr						88,6	24,7	8,98	3,03	1,02	0,42	0,20					
42	700	v						5,94	3,52	2,32	1,49	0,95	0,66	0,49					
		hr						118	32,8	11,9	4,03	1,36	0,56	0,26					
48	800	v						6,79	4,02	2,65	1,70	1,09	0,75	0,55					
		hr						151	42,0	15,3	5,16	1,74	0,72	0,34					
54	900	v						7,64	4,52	2,99	1,91	1,22	0,85	0,62					
		hr						188	52,3	19,0	6,41	2,16	0,89	0,42					
60	1000	v							5,03	3,32	2,12	1,36	0,94	0,69	0,53				
		hr							63,5	23,1	7,79	2,63	1,08	0,51	0,27				
75	1250	v							6,28	4,15	2,65	1,70	1,18	0,87	0,66				
		hr							96,0	34,9	11,8	3,97	1,63	0,77	0,40				
90	1500	v							7,54	4,98	3,18	2,04	1,42	1,04	0,80				
		hr							134	48,9	16,5	5,57	2,29	1,08	0,56				
105	1750	v							8,79	5,81	3,72	2,38	1,65	1,21	0,93				
		hr							179	65,1	21,9	7,40	3,05	1,44	0,75				
120	2000	v								6,63	4,25	2,72	1,89	1,39	1,06	0,68			
		hr								83,3	28,1	9,48	3,90	1,84	0,96	0,32			
150	2500	v								8,29	5,31	3,40	2,36	1,73	1,33	0,85			
		hr								126	42,5	14,3	5,89	2,78	1,45	0,49			
180	3000	v									6,37	4,08	2,83	2,08	1,59	1,02	0,71		
		hr									59,5	20,1	8,26	3,90	2,03	0,69	0,28		
210	3500	v									7,43	4,76	3,30	2,43	1,86	1,19	0,83		
		hr									79,1	26,7	11,0	5,18	2,71	0,91	0,38		
240	4000	v									8,49	5,44	3,77	2,77	2,12	1,36	0,94		
		hr									101	34,2	14,1	6,64	3,46	1,17	0,48		
300	5000	v										6,79	4,72	3,47	2,65	1,70	1,18		
		hr										51,6	21,2	10,0	5,23	1,77	0,73		
360	6000	v										8,15	5,66	4,16	3,18	2,04	1,42		
		hr										72,3	29,8	14,1	7,33	2,47	1,02		
420	7000	v											6,61	4,85	3,72	2,38	1,65	1,21	
		hr											39,6	18,7	9,75	3,29	1,35	0,64	
480	8000	v											7,55	5,55	4,25	2,72	1,89	1,39	
		hr											50,7	23,9	12,49	4,21	1,73	0,82	
540	9000	v											8,49	6,24	4,78	3,06	2,12	1,56	1,19
		hr											63,0	29,8	15,5	5,24	2,16	1,02	0,53
600	10000	v												6,93	5,31	3,40	2,36	1,73	1,33
		hr												36,2	18,9	6,36	2,62	1,24	0,65

The hr values must be multiplied by:

0,71 for galvanized or painted steel pipes

0,54 for stainless steel or copper pipes

0,47 for PVC or PE pipes

hr = flow resistance for 100 m of straight pipeline (m)

V = water speed (m/s)

G-at-pct-en_b_th

FLOW RESISTANCE
TABLE OF FLOW RESISTANCE IN BENDS, VALVES AND GATES

The flow resistance is calculated using the equivalent pipeline length method according to the table below:

ACCESSORY TYPE	DN											
	25	32	40	50	65	80	100	125	150	200	250	300
	Equivalent pipeline length (m)											
45° bend	0,2	0,2	0,4	0,4	0,6	0,6	0,9	1,1	1,5	1,9	2,4	2,8
90° bend	0,4	0,6	0,9	1,1	1,3	1,5	2,1	2,6	3,0	3,9	4,7	5,8
90° smooth bend	0,4	0,4	0,4	0,6	0,9	1,1	1,3	1,7	1,9	2,8	3,4	3,9
Union tee or cross	1,1	1,3	1,7	2,1	2,6	3,2	4,3	5,3	6,4	7,5	10,7	12,8
Gate valve	-	-	-	0,2	0,2	0,2	0,4	0,4	0,6	0,9	1,1	1,3
Foot check valve	1,1	1,5	1,9	2,4	3,0	3,4	4,7	5,9	7,4	9,6	11,8	13,9
Non return valve	1,1	1,5	1,9	2,4	3,0	3,4	4,7	5,9	7,4	9,6	11,8	13,9

G-a-pcv-en_b_th

The table is valid for the Hazen Williams coefficient C=100 (cast iron pipework);
for steel pipework, multiply the values by 1,41;
for stainless steel, copper and coated cast iron pipework, multiply the values by 1,85;
When the **equivalent pipeline length** has been determined, the flow resistance is obtained from the table of flow resistance.
The values given are guideline values which are bound to vary slightly according to the model, especially for gate valves and non-return valves, for which it is a good idea to check the values supplied by manufacturers.

VOLUMETRIC CAPACITY

Litres per minute l/min	Cubic metres per hour m^3/h	Cubic feet per hour ft^3/h	Cubic feet per minute ft^3/min	Imperial gallon per minute Imp. gal/min	U.S. gallon per minute US gal/min
1,0000	0,0600	2,1189	0,0353	0,2200	0,2642
16,6667	**1,0000**	35,3147	0,5886	3,6662	4,4029
0,4719	0,0283	**1,0000**	0,0167	0,1038	0,1247
28,3168	1,6990	60,0000	**1,0000**	6,2288	7,4805
4,5461	0,2728	9,6326	0,1605	**1,0000**	1,2009
3,7854	0,2271	8,0208	0,1337	0,8327	**1,0000**

PRESSURE AND HEAD

Newton per square metre N/m^2	kilo Pascal kPa	bar bar	Pound force per square inch psi	Metre of water m H_2O	Millimetre of mercury mm Hg
1,0000	0,0010	1×10^{-5}	$1,45 \times 10^{-4}$	$1,02 \times 10^{-4}$	0,0075
1 000,0000	**1,0000**	0,0100	0,1450	0,1020	7,5006
1×10^5	100,0000	**1,0000**	14,5038	10,1972	750,0638
6 894,7570	6,8948	0,0689	**1,0000**	0,7031	51,7151
9 806,6500	9,8067	0,0981	1,4223	**1,0000**	73,5561
133,3220	0,1333	0,0013	0,0193	0,0136	**1,0000**

LENGTH

Millimetre mm	Centimetre cm	Metre m	Inch in	Foot ft	Yard yd
1,0000	0,1000	0,0010	0,0394	0,0033	0,0011
10,0000	**1,0000**	0,0100	0,3937	0,0328	0,0109
1 000,0000	100,0000	**1,0000**	39,3701	3,2808	1,0936
25,4000	2,5400	0,0254	**1,0000**	0,0833	0,0278
304,8000	30,4800	0,3048	12,0000	**1,0000**	0,3333
914,4000	91,4400	0,9144	36,0000	3,0000	**1,0000**

VOLUME

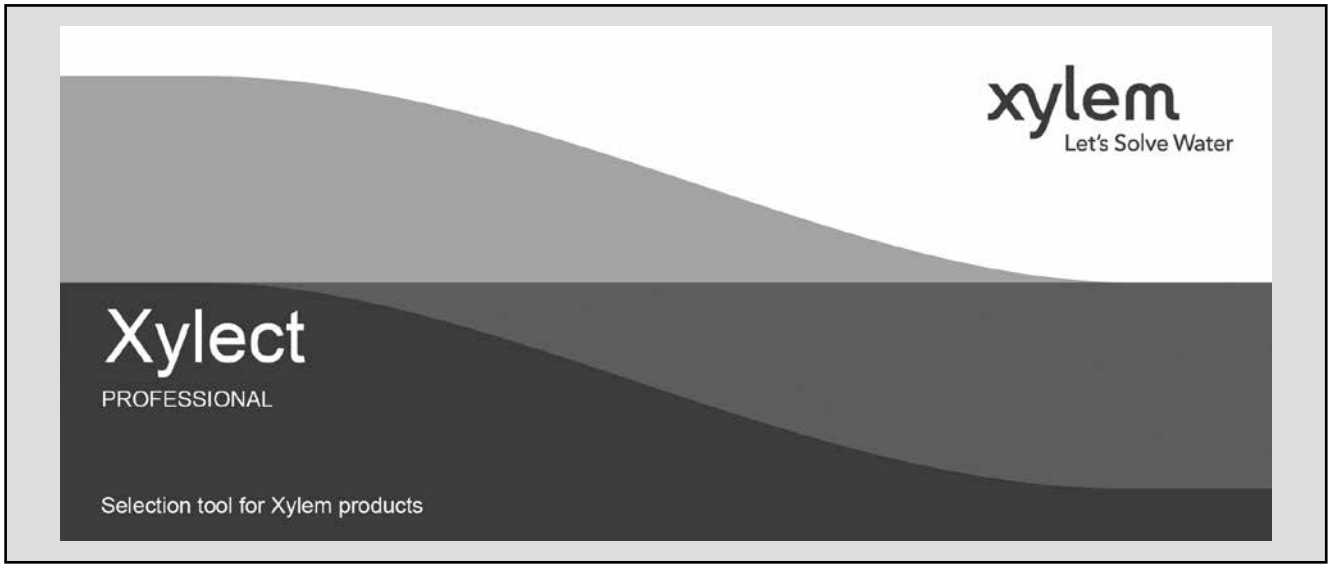
Cubic metre m^3	Litre L	Millilitre ml	Imperial gallon imp. gal.	U.S. gallon US gal.	Cubic foot ft^3
1,0000	1 000,0000	1×10^6	219,9694	264,1720	35,3147
0,0010	**1,0000**	1 000,0000	0,2200	0,2642	0,0353
1×10^{-6}	0,0010	**1,0000**	$2,2 \times 10^{-4}$	$2,642 \times 10^{-4}$	$3,53 \times 10^{-5}$
0,0045	4,5461	4 546,0870	**1,0000**	1,2009	0,1605
0,0038	3,7854	3 785,4120	0,8327	**1,0000**	0,1337
0,0283	28,3168	28 316,8466	6,2288	7,4805	**1,0000**

TEMPERATURE

Water	Kelvin K	Celsius °C	Fahrenheit °F	$°F = °C \times \frac{9}{5} + 32$ $°C = (°F - 32) \times \frac{5}{9}$
icing	273,1500	0,0000	32,0000	
boiling	373,1500	100,0000	212,0000	

G-at_pp-en_b_sc

FURTHER PRODUCT SELECTION AND DOCUMENTATION
Xylect



Xylect is pump solution selection software with an extensive online database of product information across the entire Lowara range of pumps and related products, with multiple search options and helpful project management facilities. The system holds up-to-date product information on thousands of products and accessories.

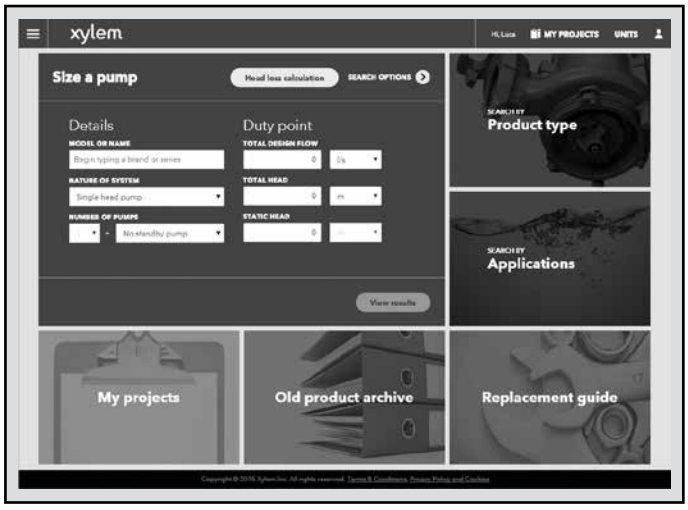
The possibility to search by applications and the detailed information output given makes it easy to make the optimal selection without having detailed knowledge about the Lowara products.

The search can be made by:

- Application
- Product type
- Duty point

Xylect gives a detailed output:

- List with search results
- Performance curves (flow, head, power, efficiency, NPSH)
- Motor data
- Dimensional drawings
- Options
- Data sheet printouts
- Document downloads incl dxf files



The search by application guides users not familiar with the product range to the right choice.

FURTHER PRODUCT SELECTION AND DOCUMENTATION
Xylect



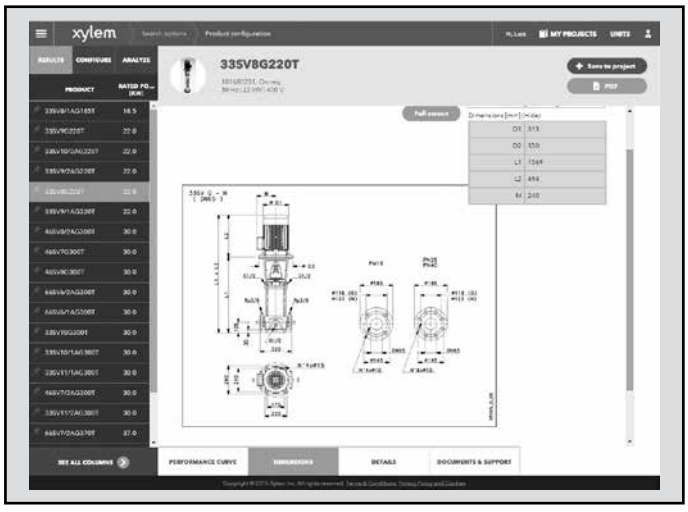
The detailed output makes it easy to select the optimal pump from the given alternatives.

The best way to work with Xylect is to create a personal account. This makes it possible to:

- Set own standard units
- Create and save projects
- Share projects with other Xylect users

Every registered user has a proper space, where all projects are saved.

For more information about Xylect please contact our sales network or visit www.xylect.com.



Dimensional drawings appear on the screen and can be downloaded in dxf format.

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1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

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