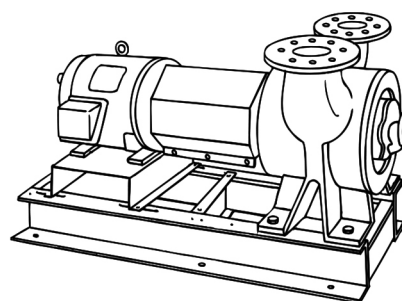
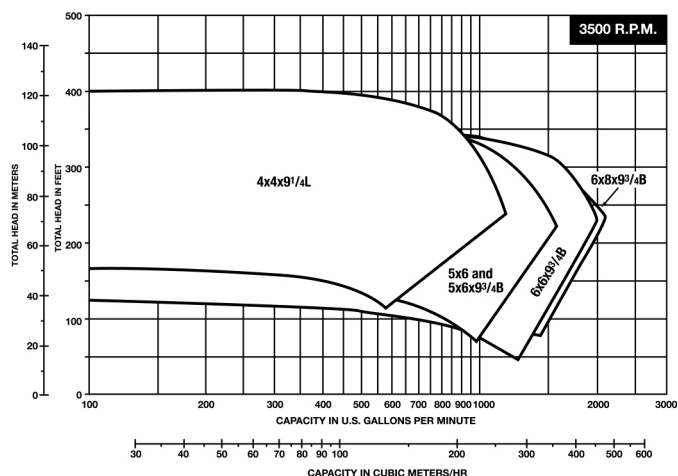
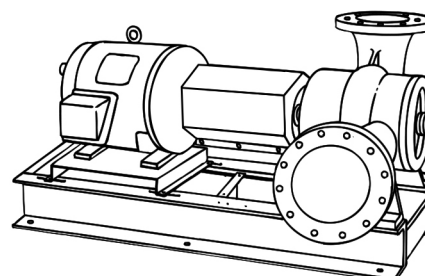
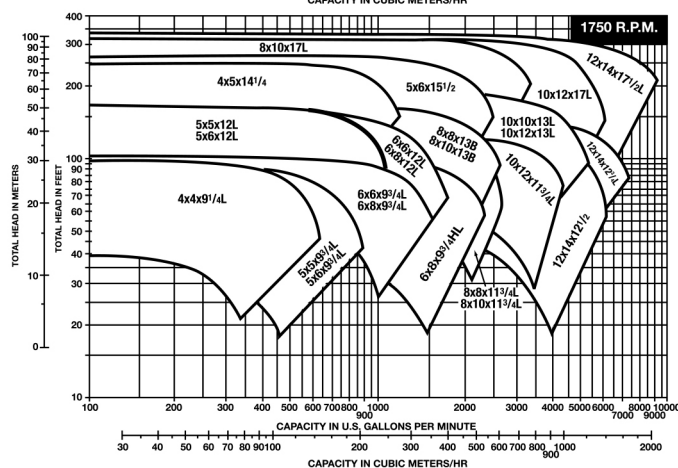


Series VSC[®]/VSCS[®]

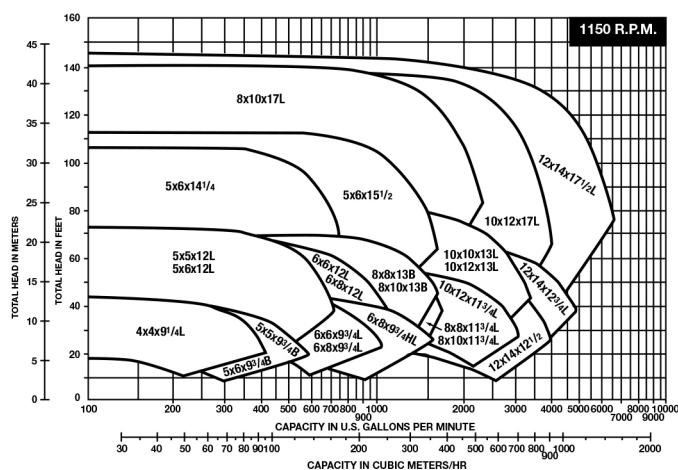
Base Mounted - Double Suction Performance Curves



VSC



VSCS



60 HERTZ PERFORMANCE CURVES

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USEFUL PUMP FORMULAS

$$\begin{aligned} \text{Pressure (PSI)} &= \frac{\text{Head (Feet)} \times \text{Specific Gravity}}{2.31} \\ \text{Head (Feet)} &= \frac{\text{Pressure (PSI)} \times 2.31}{\text{Specific Gravity}} \\ \text{Vacuum (Inches of Mercury)} &= \text{Dynamic Suction Lift (Feet)} \times .883 \times \text{Specific Gravity} \\ \text{Horsepower (Brake)} &= \frac{\text{GPM} \times \text{Head (Feet)} \times \text{Specific Gravity}}{3960 \times \text{Pump Efficiency}} \\ \text{Horsepower (Water)} &= \frac{\text{GPM} \times \text{Head (Feet)} \times \text{Specific Gravity}}{3960} \\ \text{Efficiency (Pump)} &= \frac{\text{Horsepower (Water)}}{\text{Horsepower (Brake)}} \times 100 \text{ Per Cent} \\ \text{NPSH (Available)} &= \text{Positive Factors} - \text{Negative Factors} \end{aligned}$$

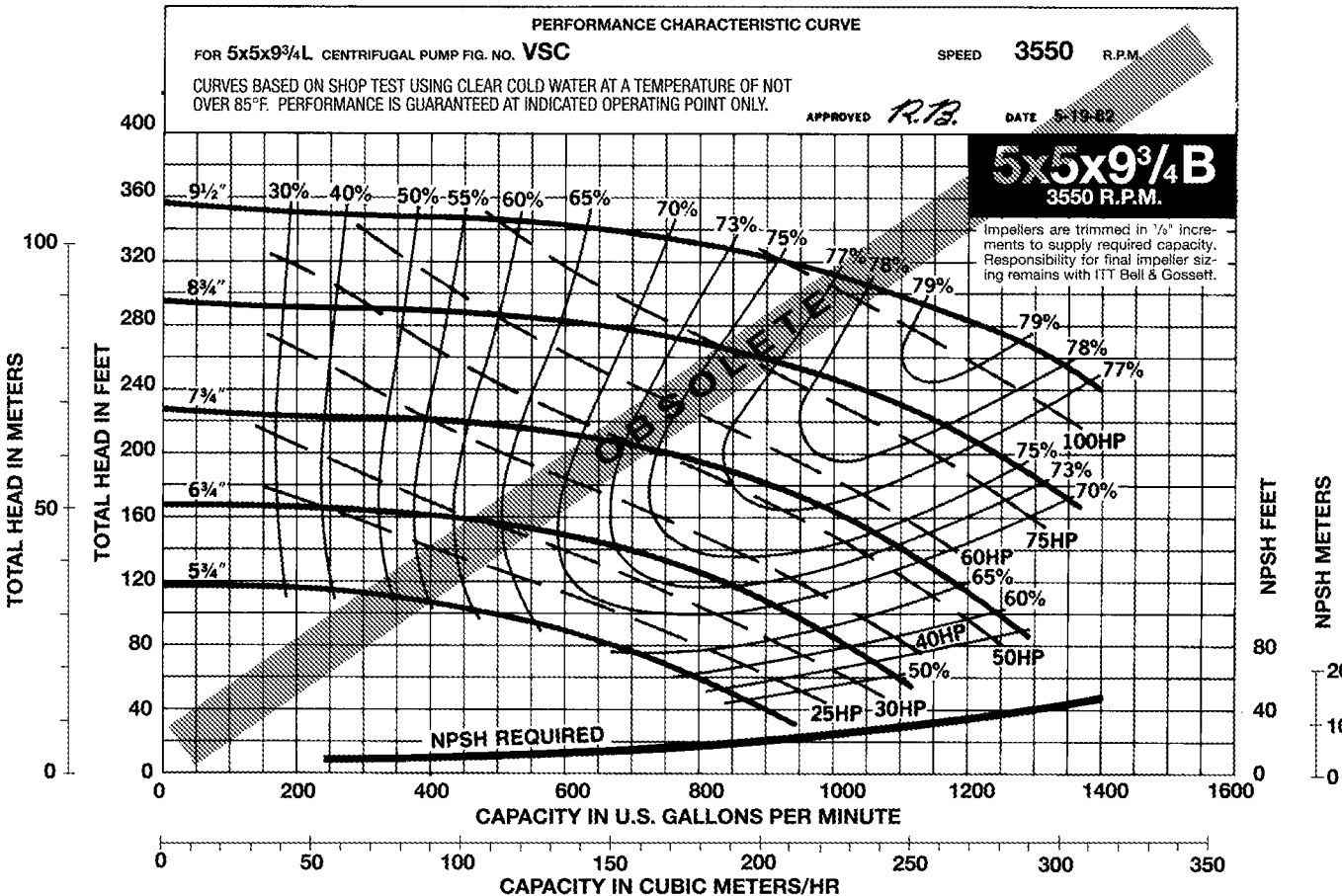
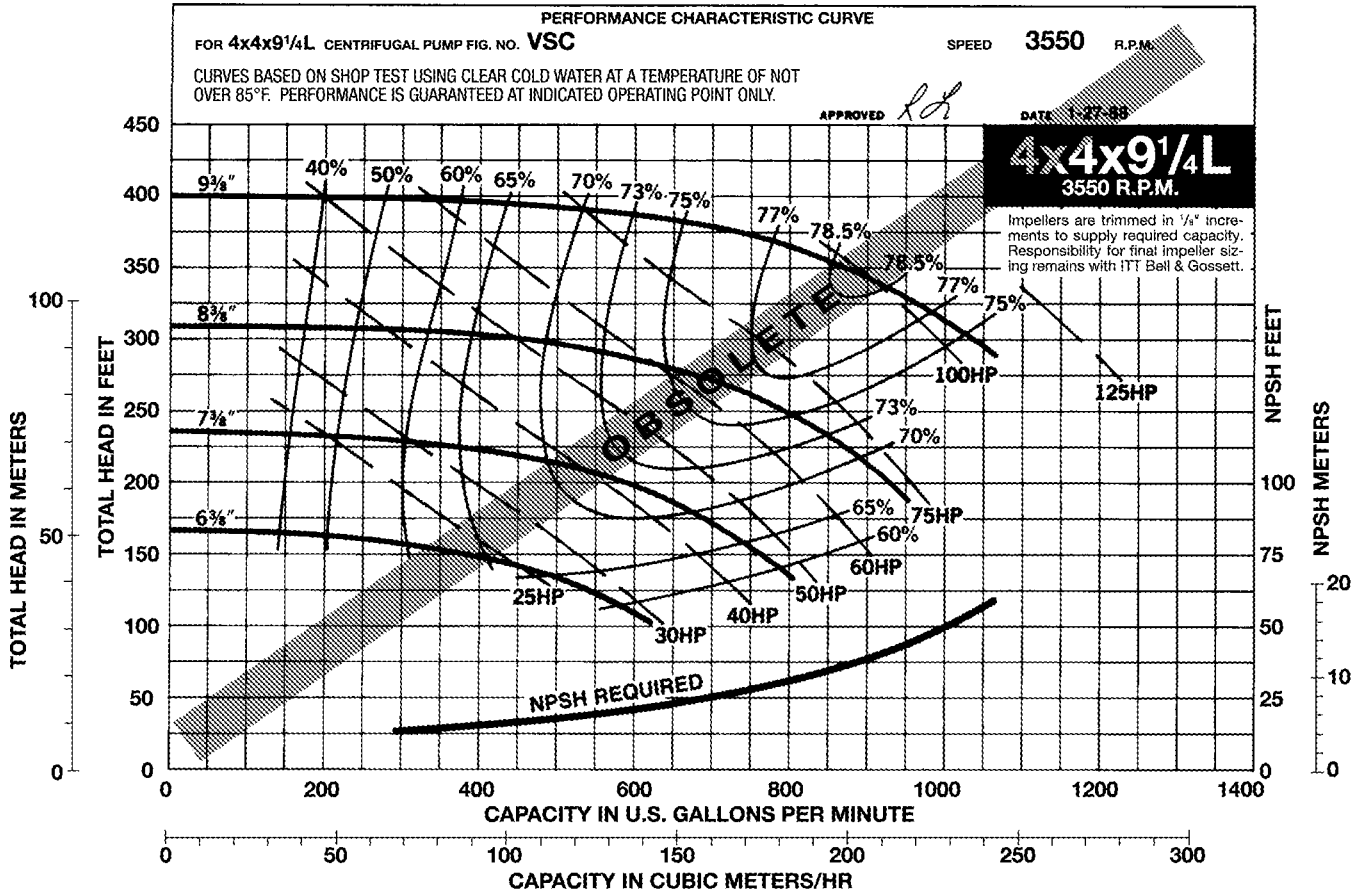
Affinity Laws: Effect of change of speed or impeller diameter on centrifugal pumps.

	GPM Capacity	Ft. Head	BHP
Impeller Diameter Change	$Q_2 = \frac{D_2}{D_1} Q_1$	$H_2 = \left(\frac{D_2}{D_1}\right)^2 H_1$	$P_2 = \left(\frac{D_2}{D_1}\right)^3 P_1$
Speed Change	$Q_2 = \frac{RPM_2}{RPM_1} Q_1$	$H_2 = \left(\frac{RPM_2}{RPM_1}\right)^2 H_1$	$P_2 = \left(\frac{RPM_2}{RPM_1}\right)^3 P_1$

Where Q = GPM, H = Head, P = BHP, D = Impeller Dia., RPM = Pump Speed

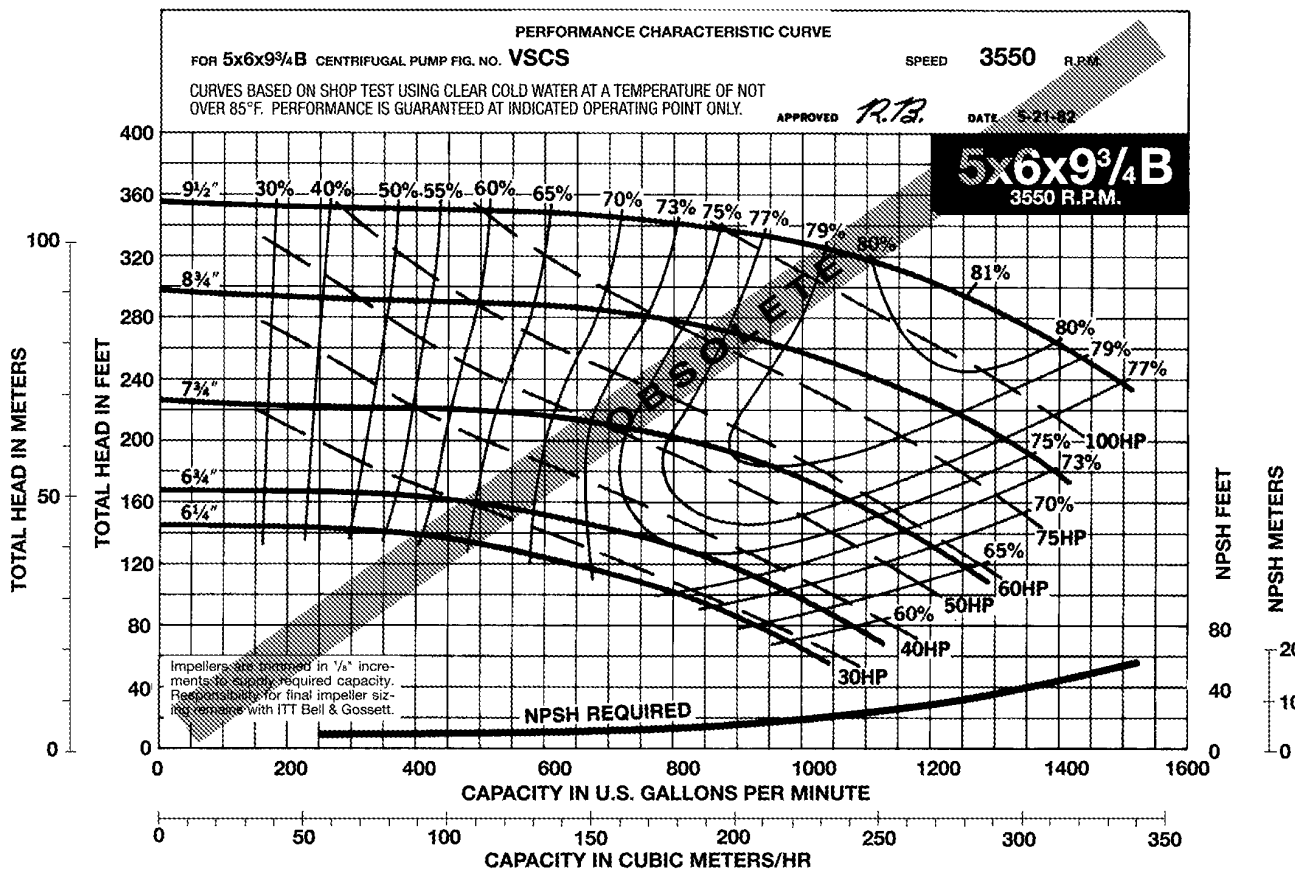
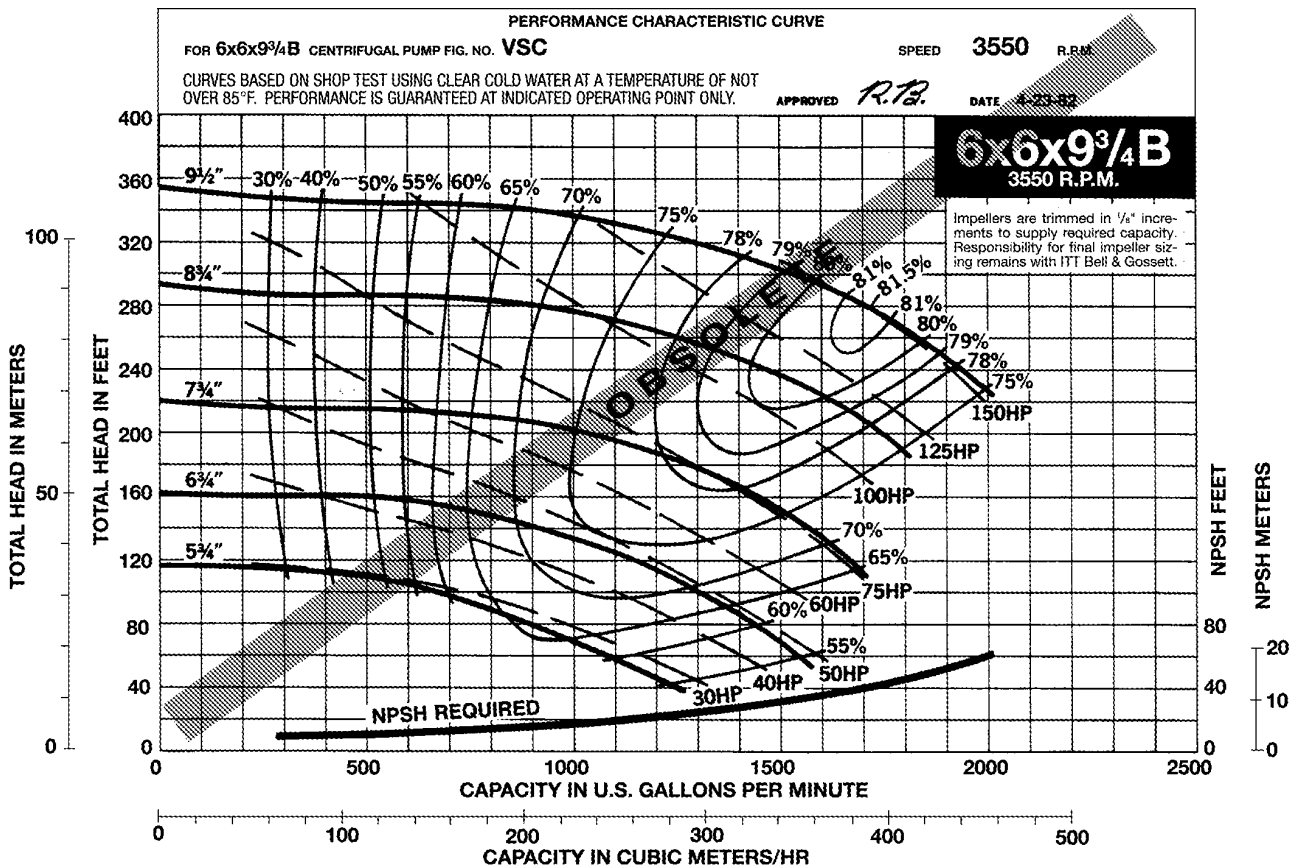
3500 RPM PUMP CURVES

(CURVE CHARTS WITH LINE THROUGH ARE OBSOLETE - SEE VSX CURVE BOOKLET)

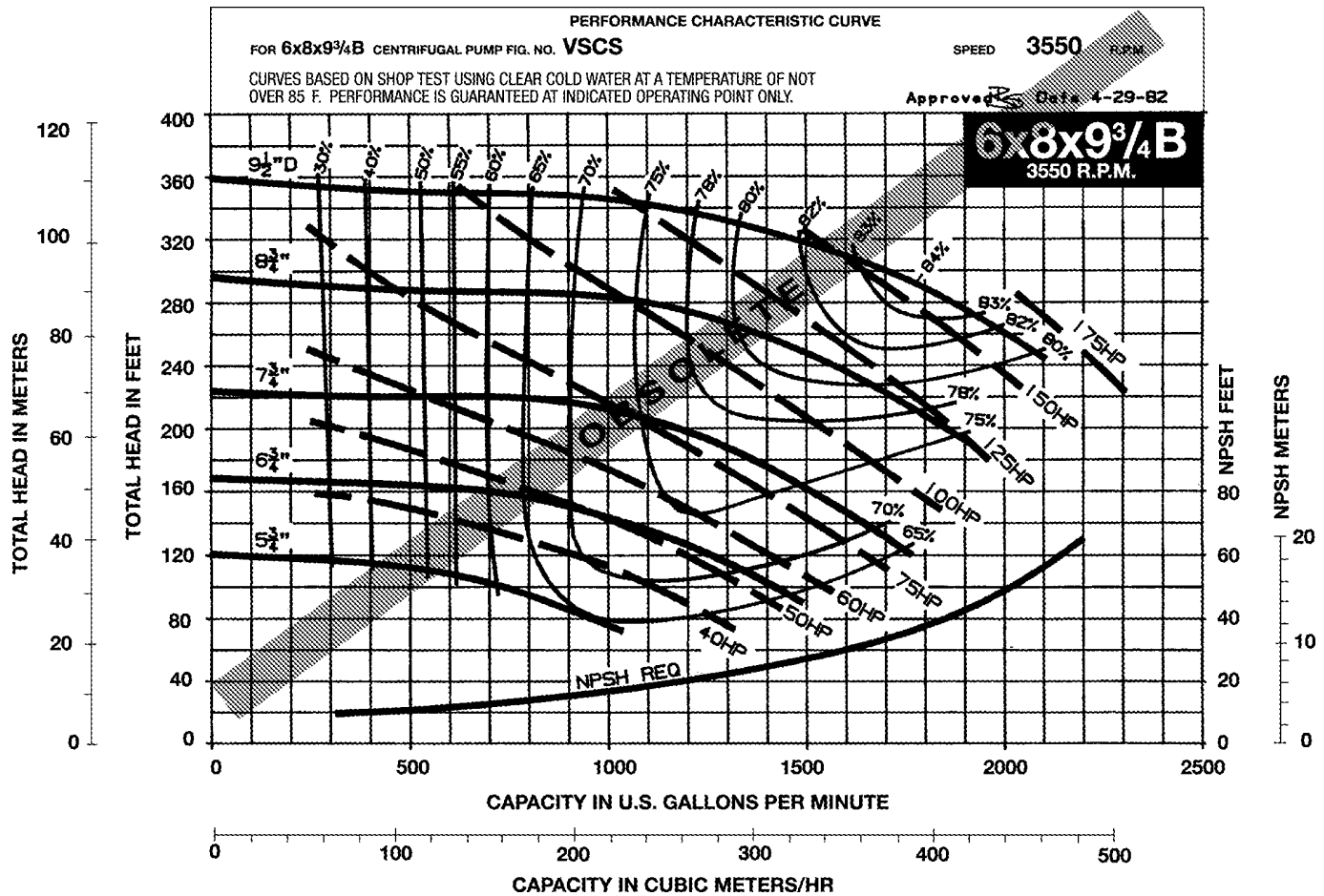


3500 RPM PUMP CURVES

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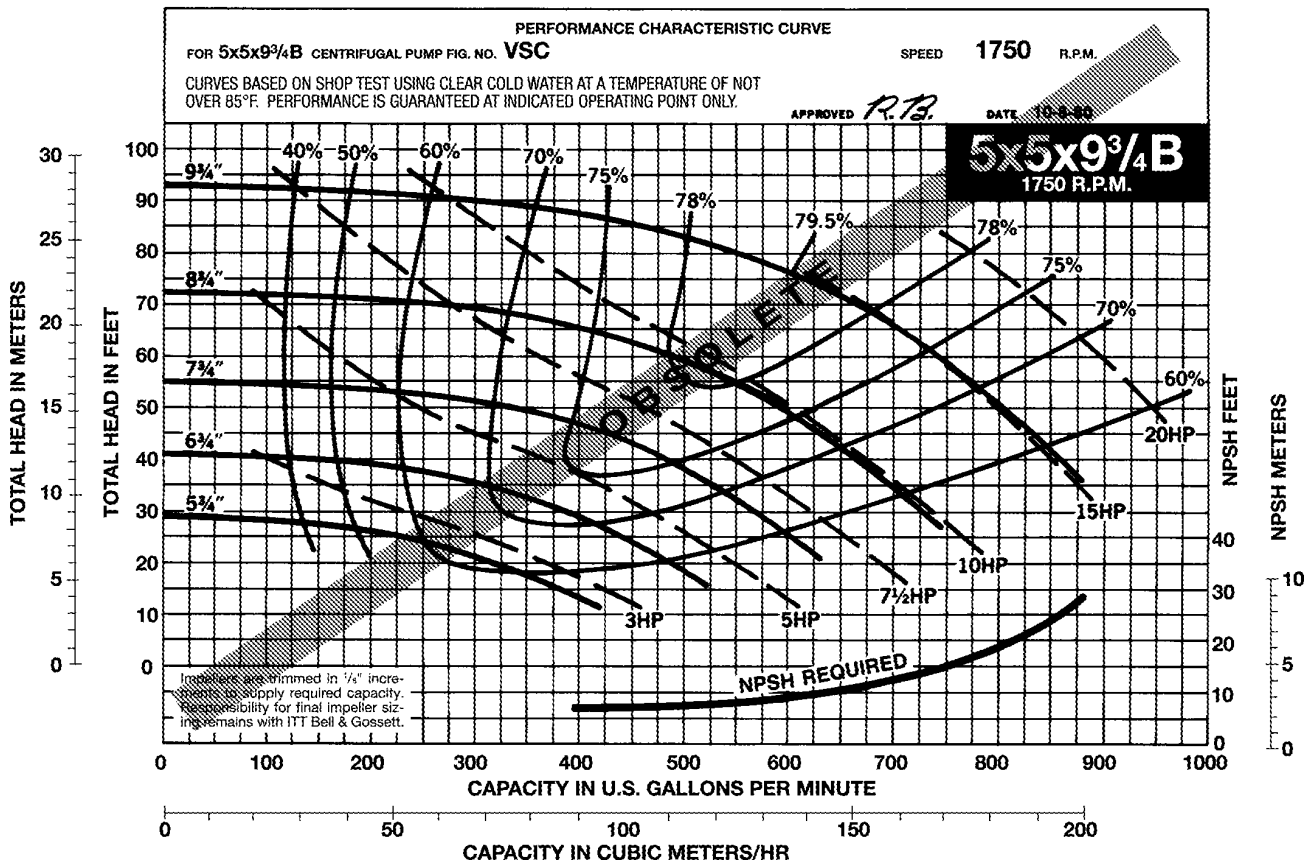
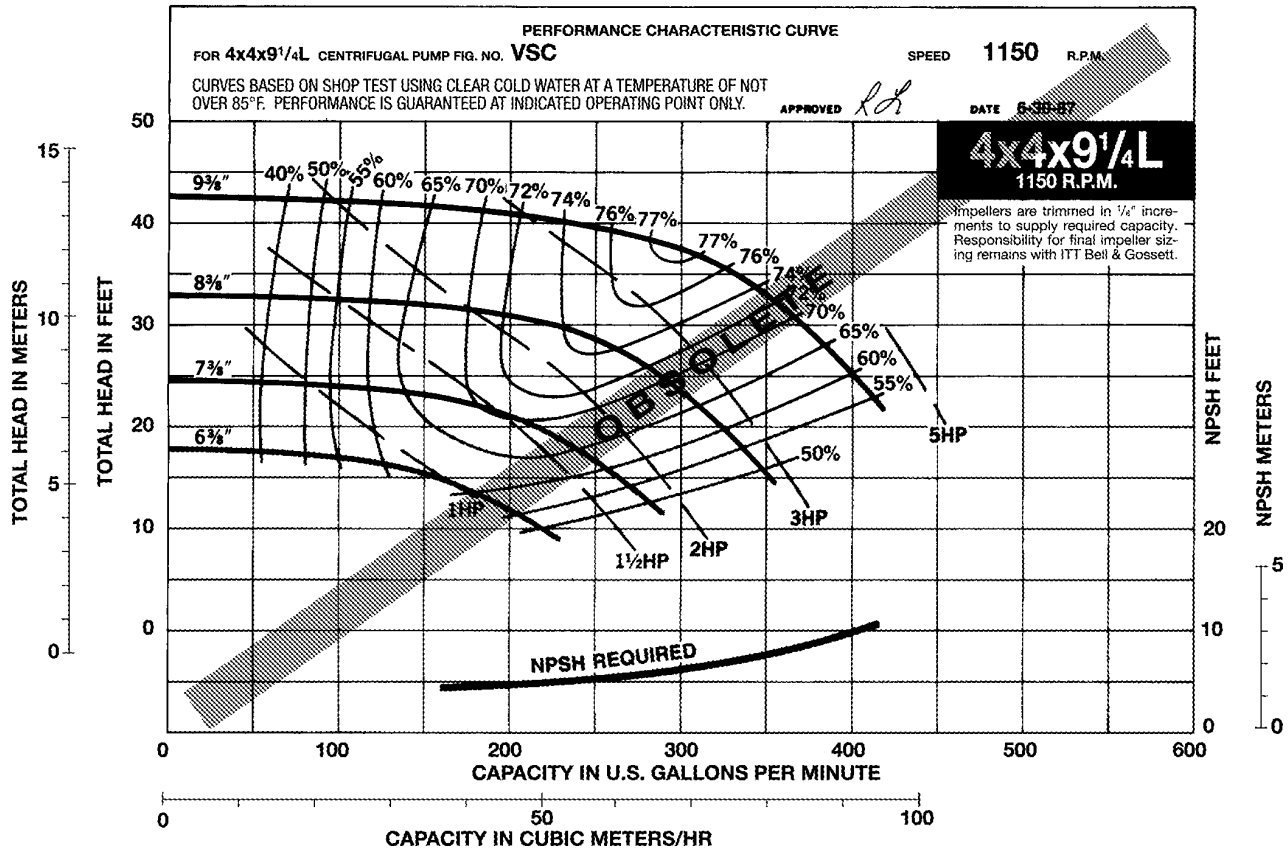
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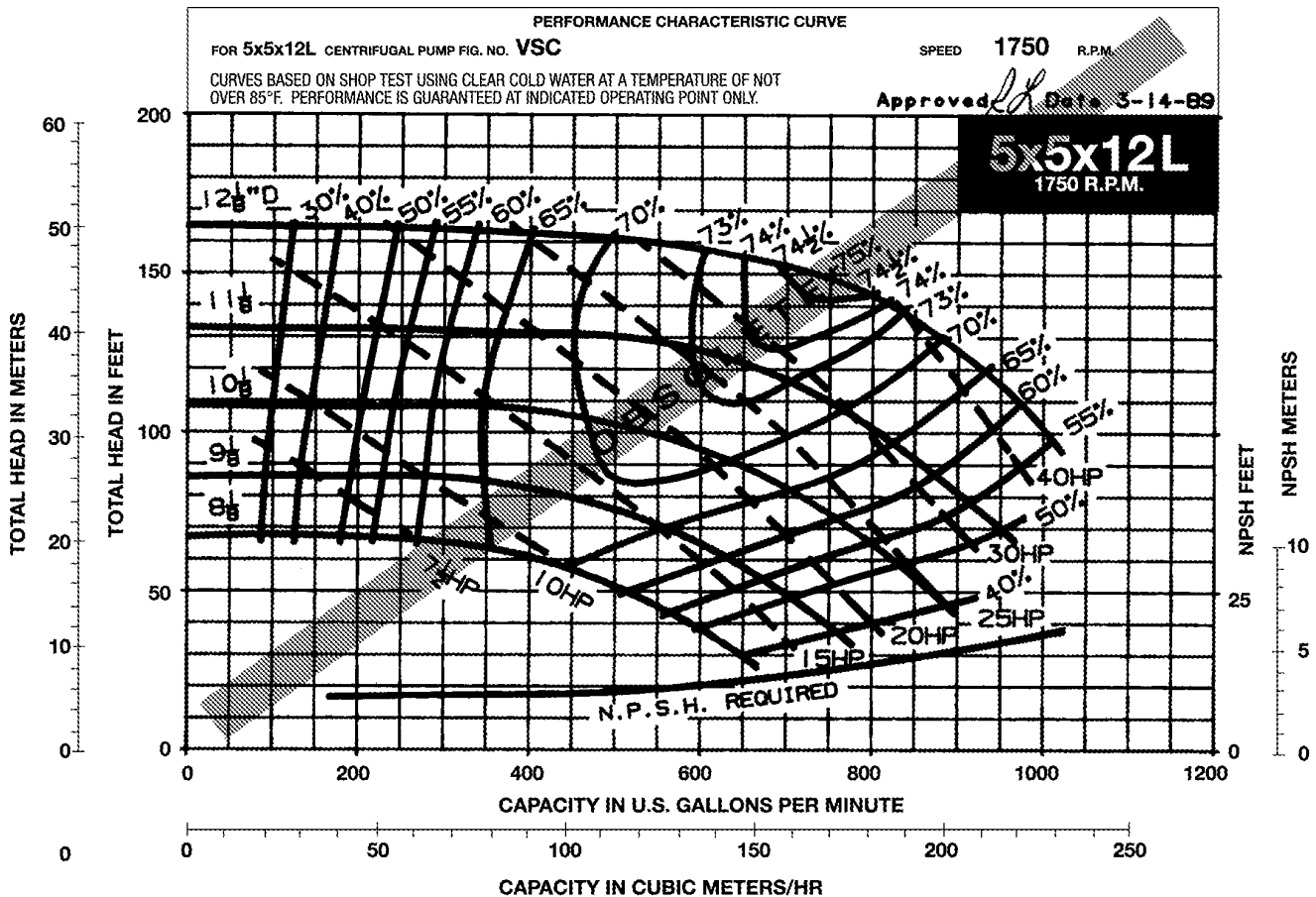
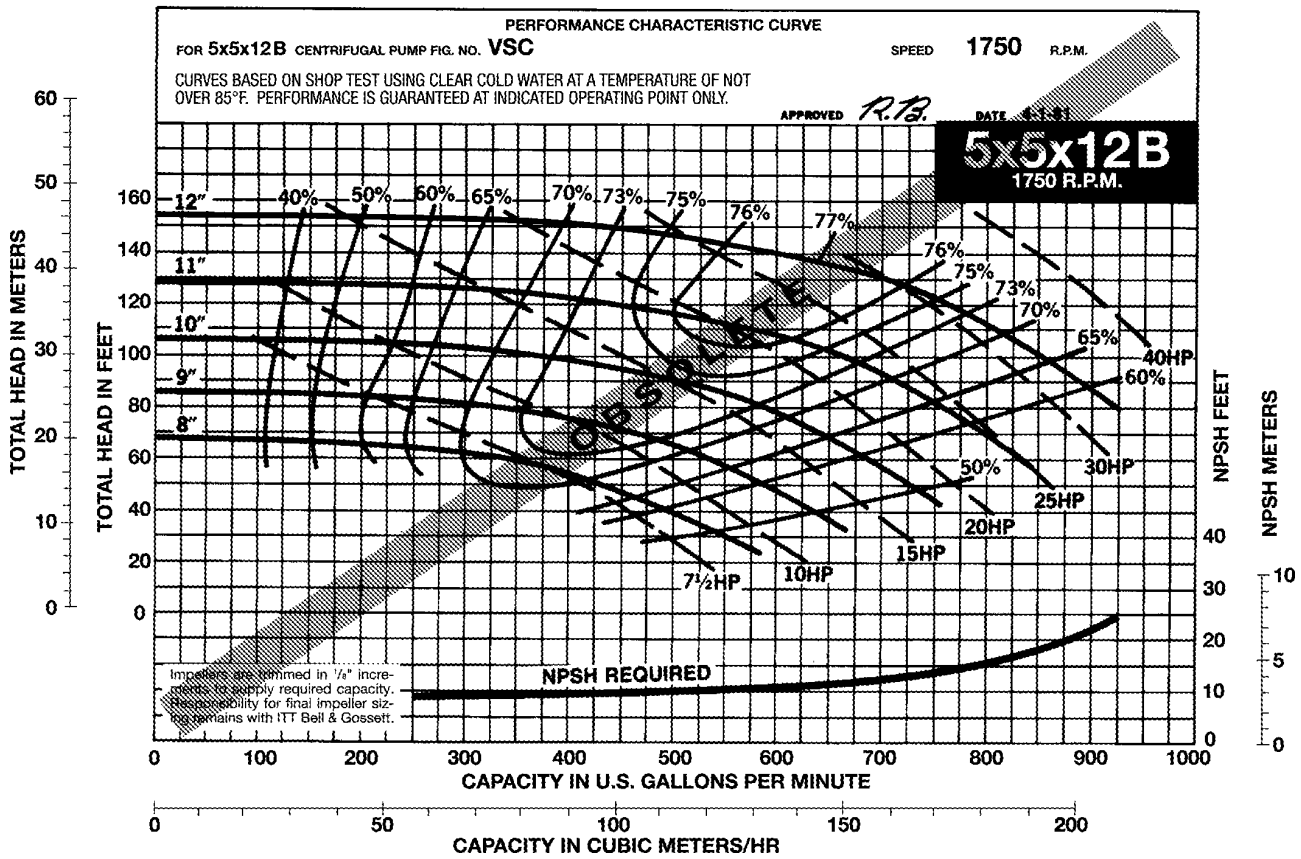
1750 RPM PUMP CURVES

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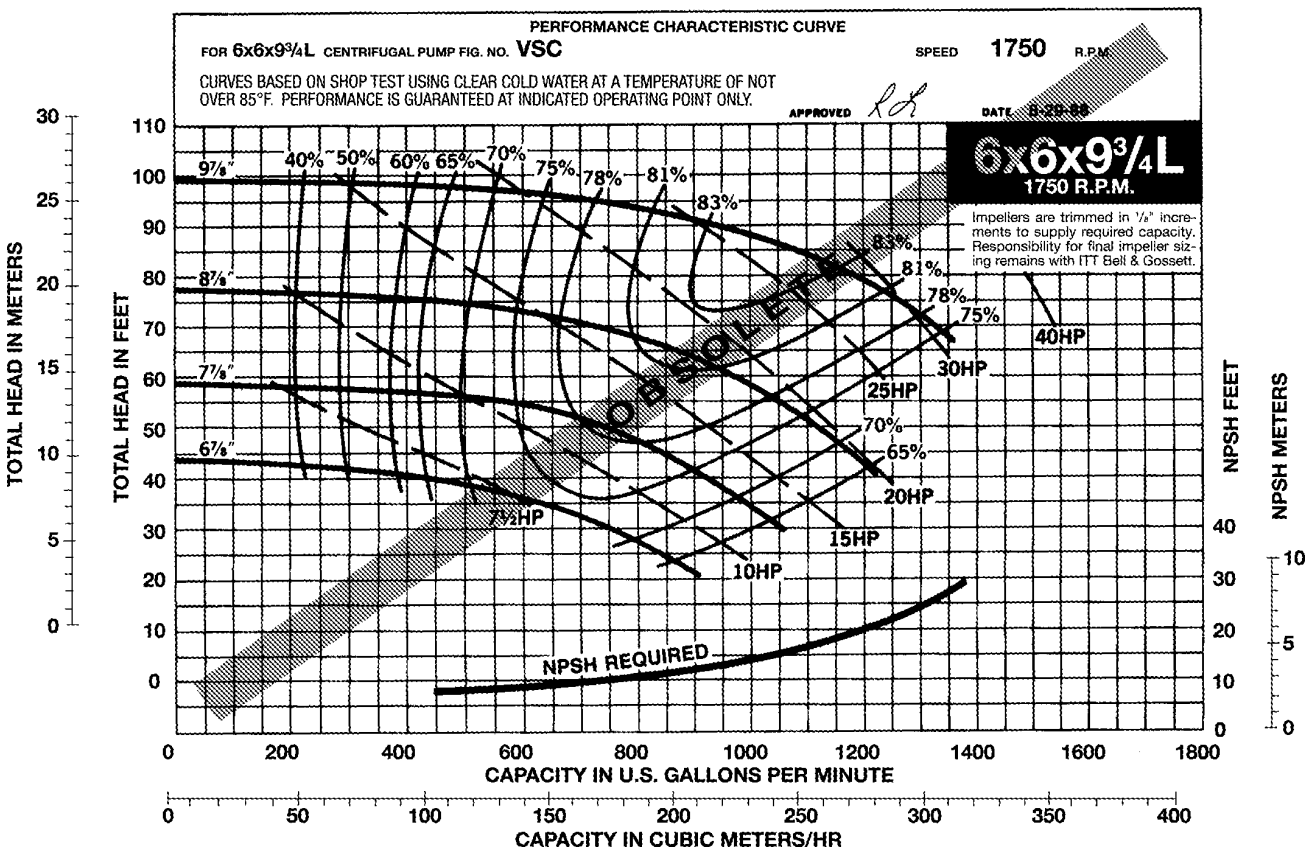
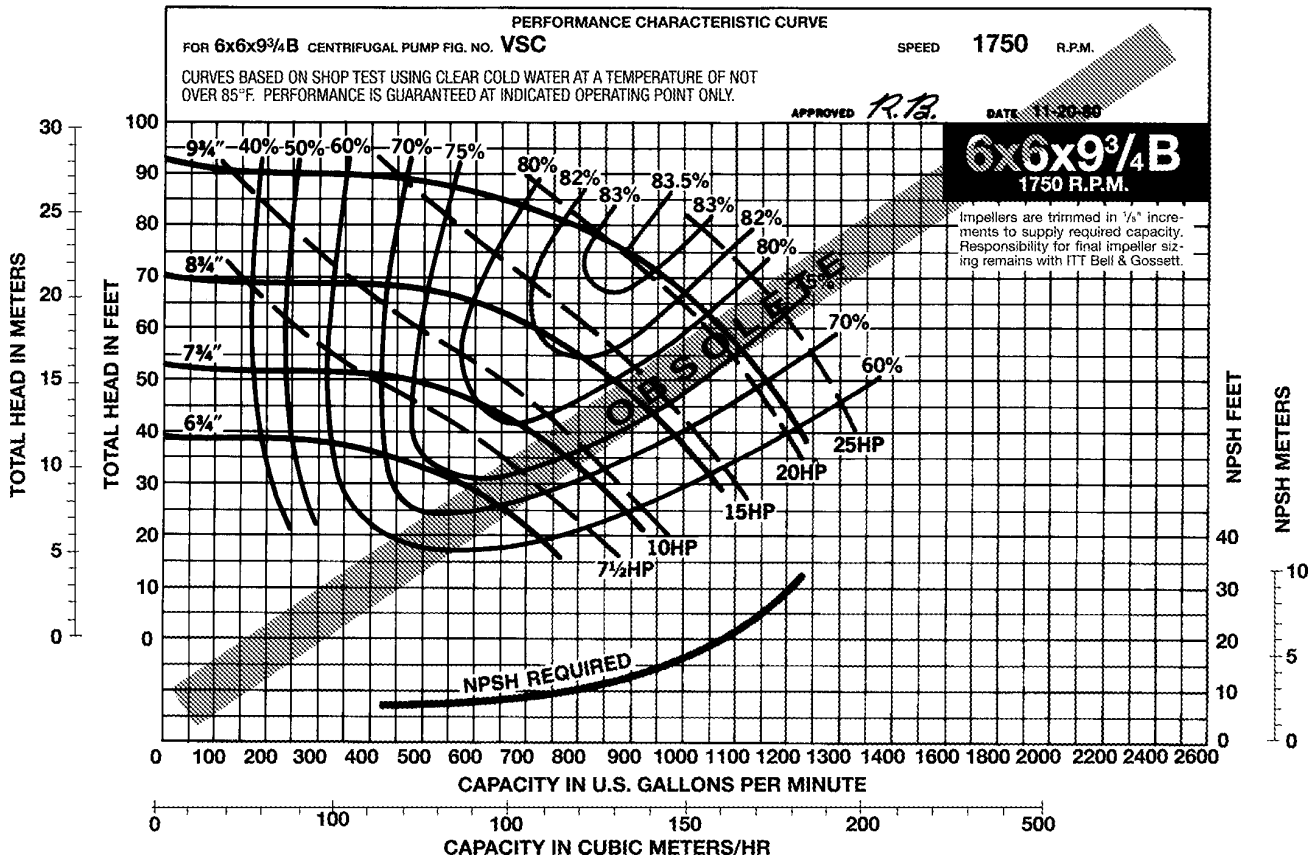
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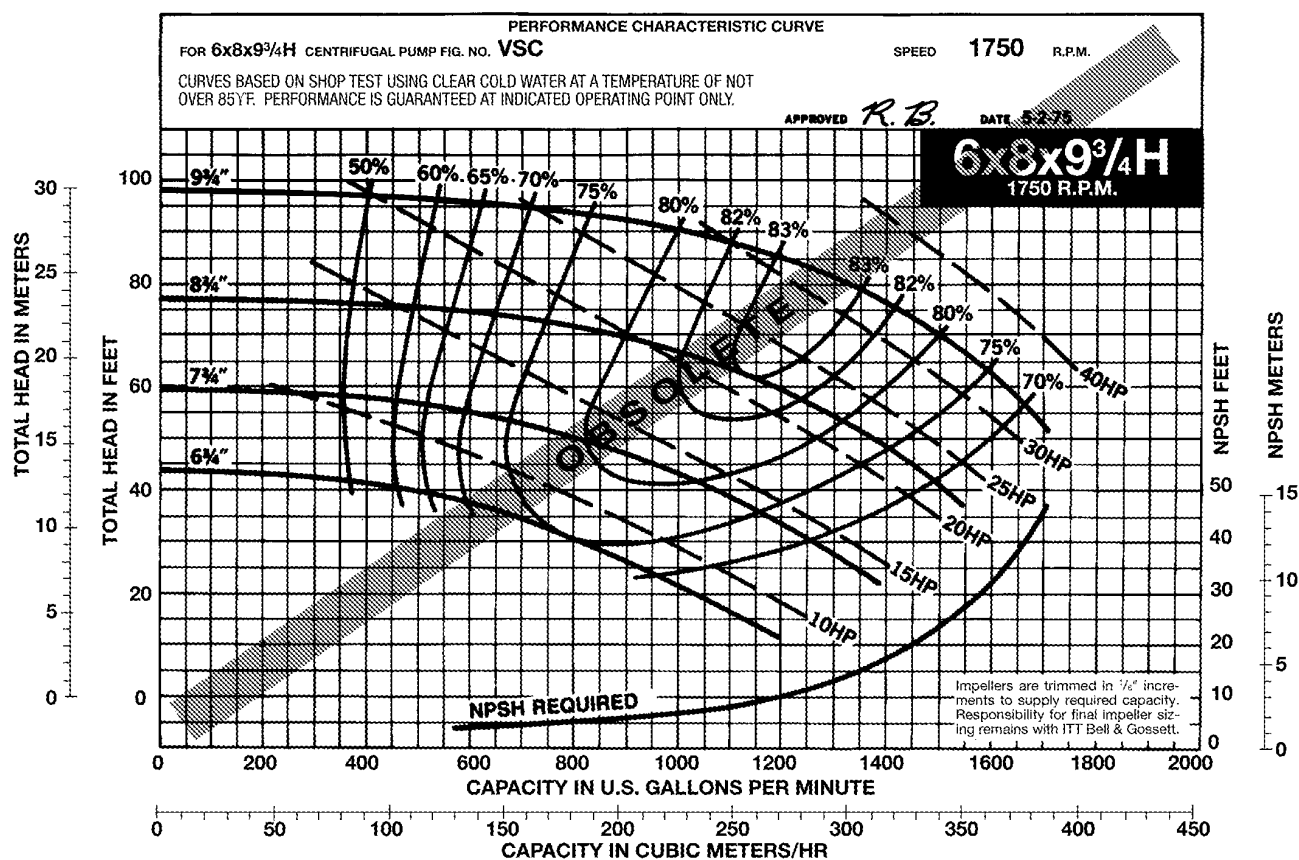
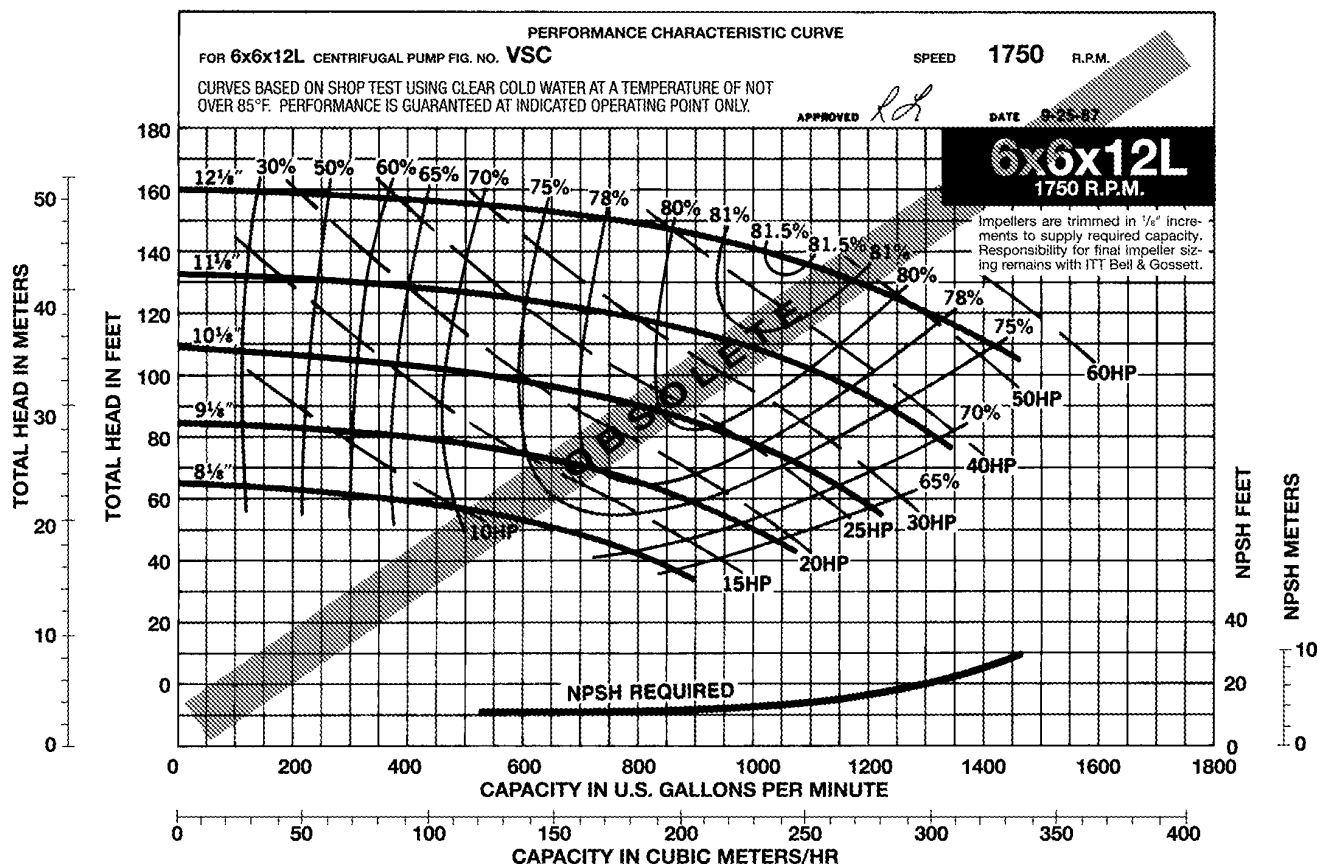


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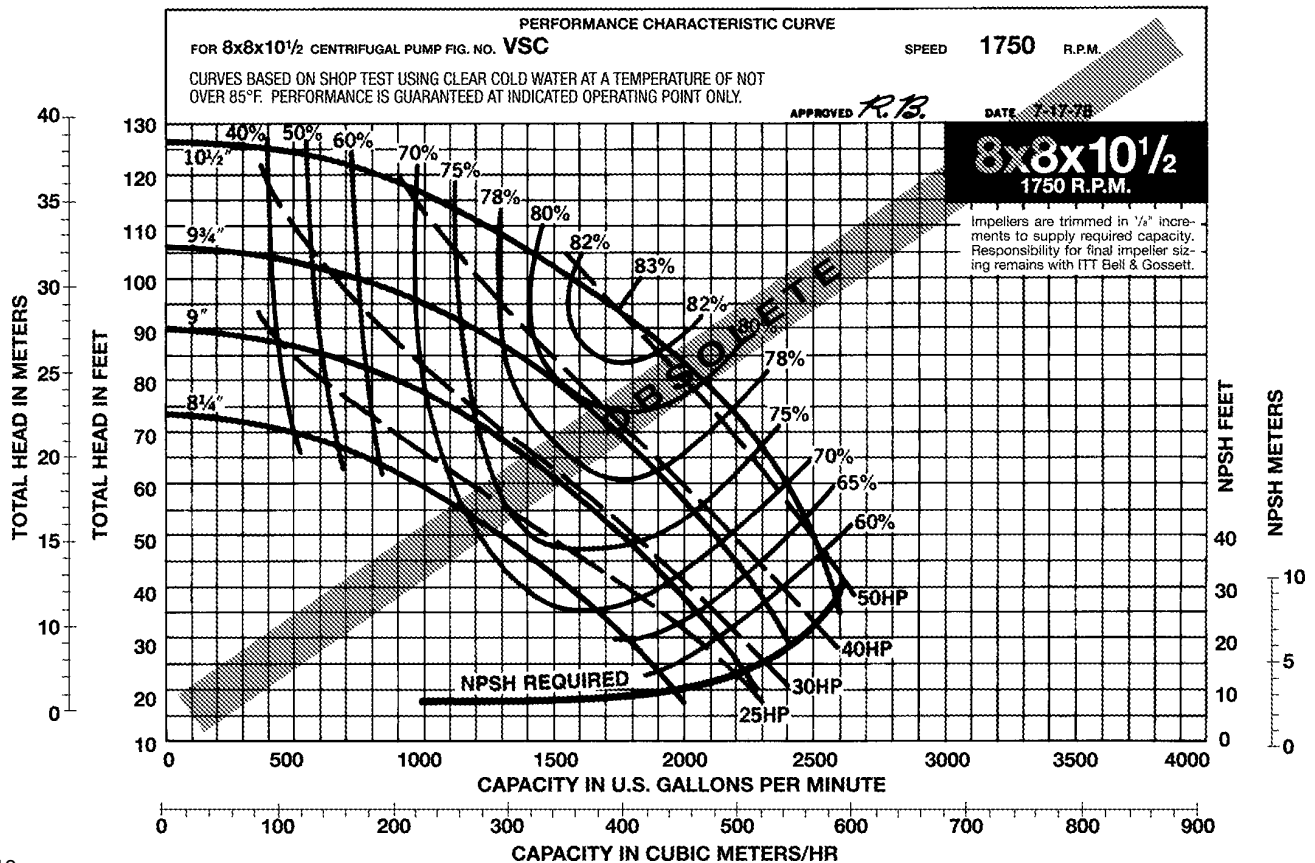
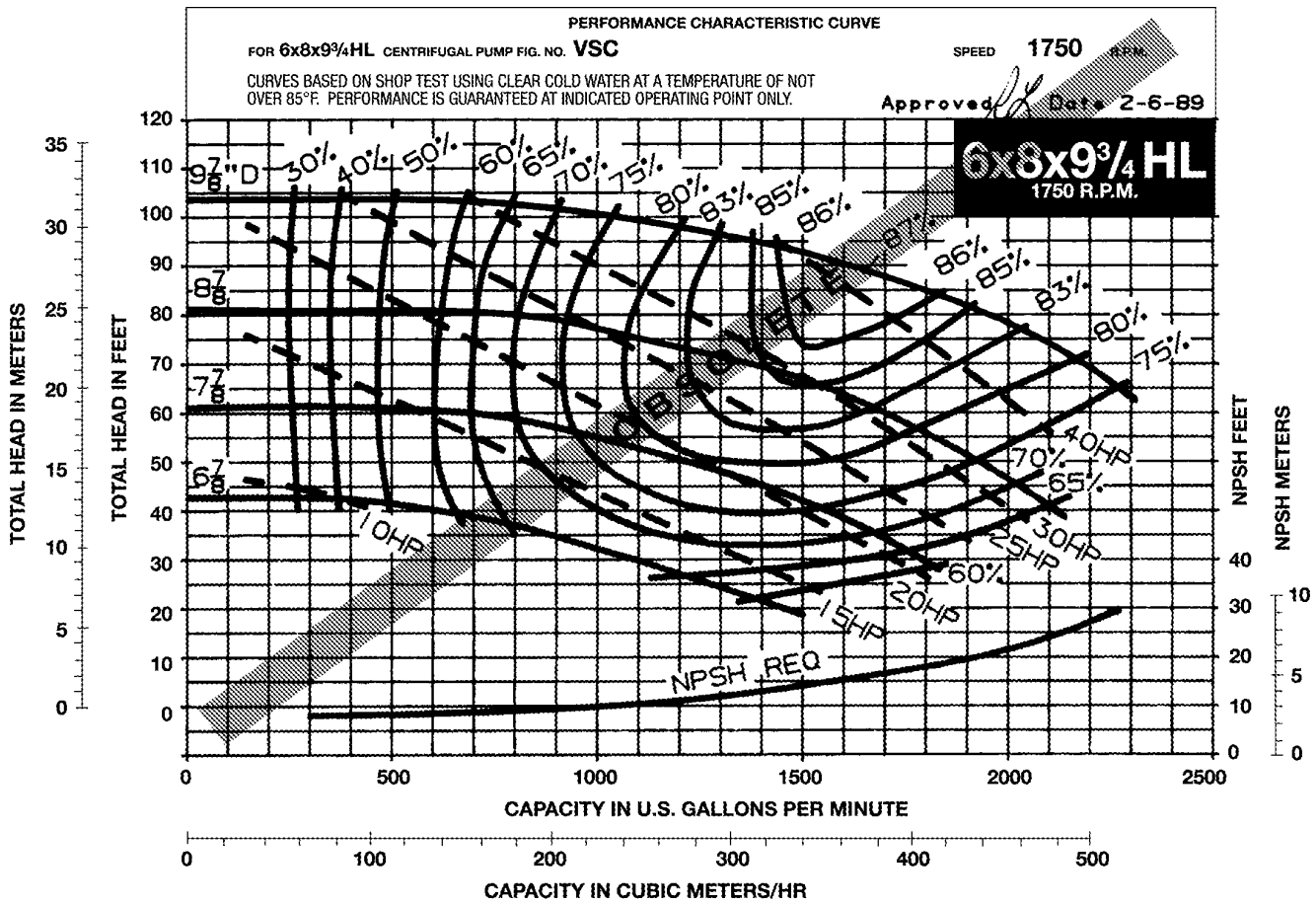


1750 RPM PUMP CURVES



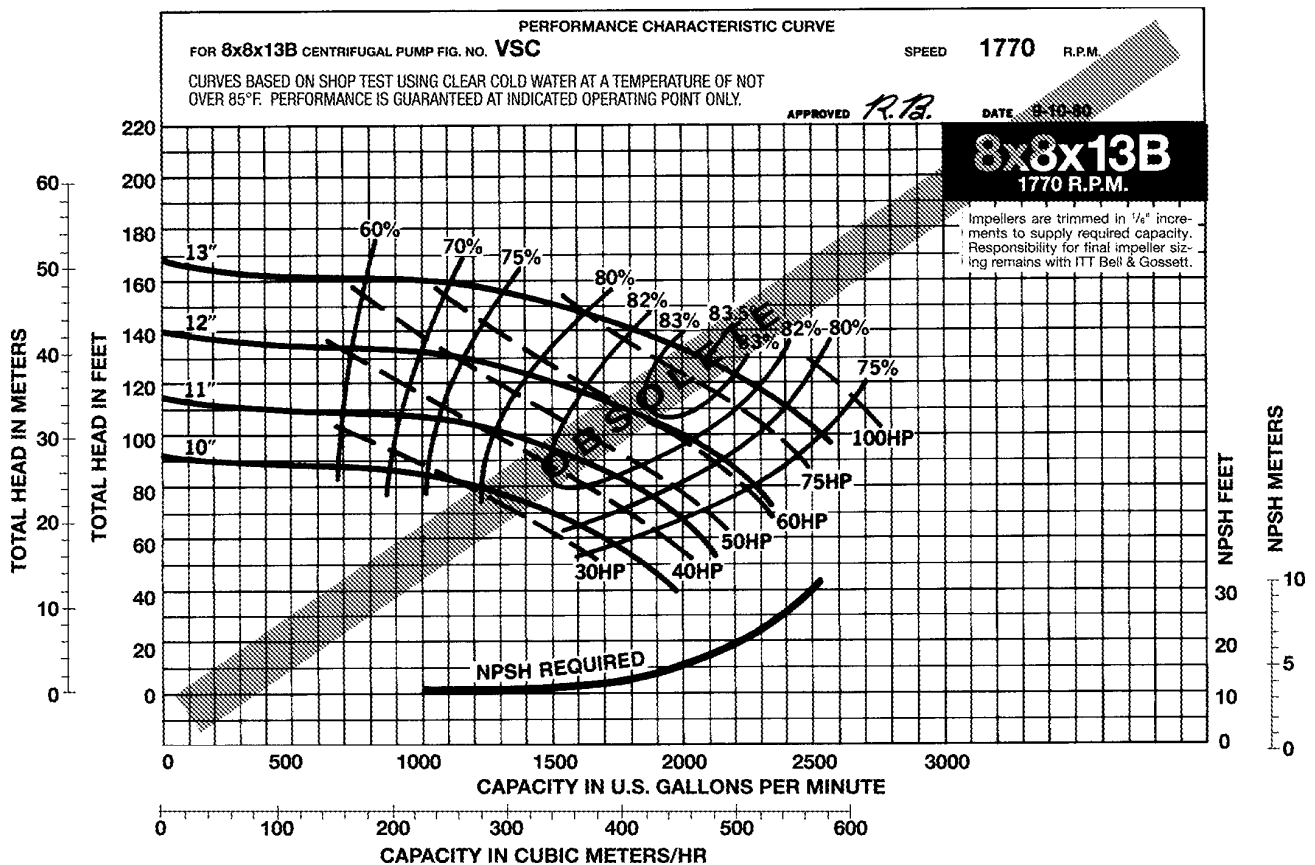
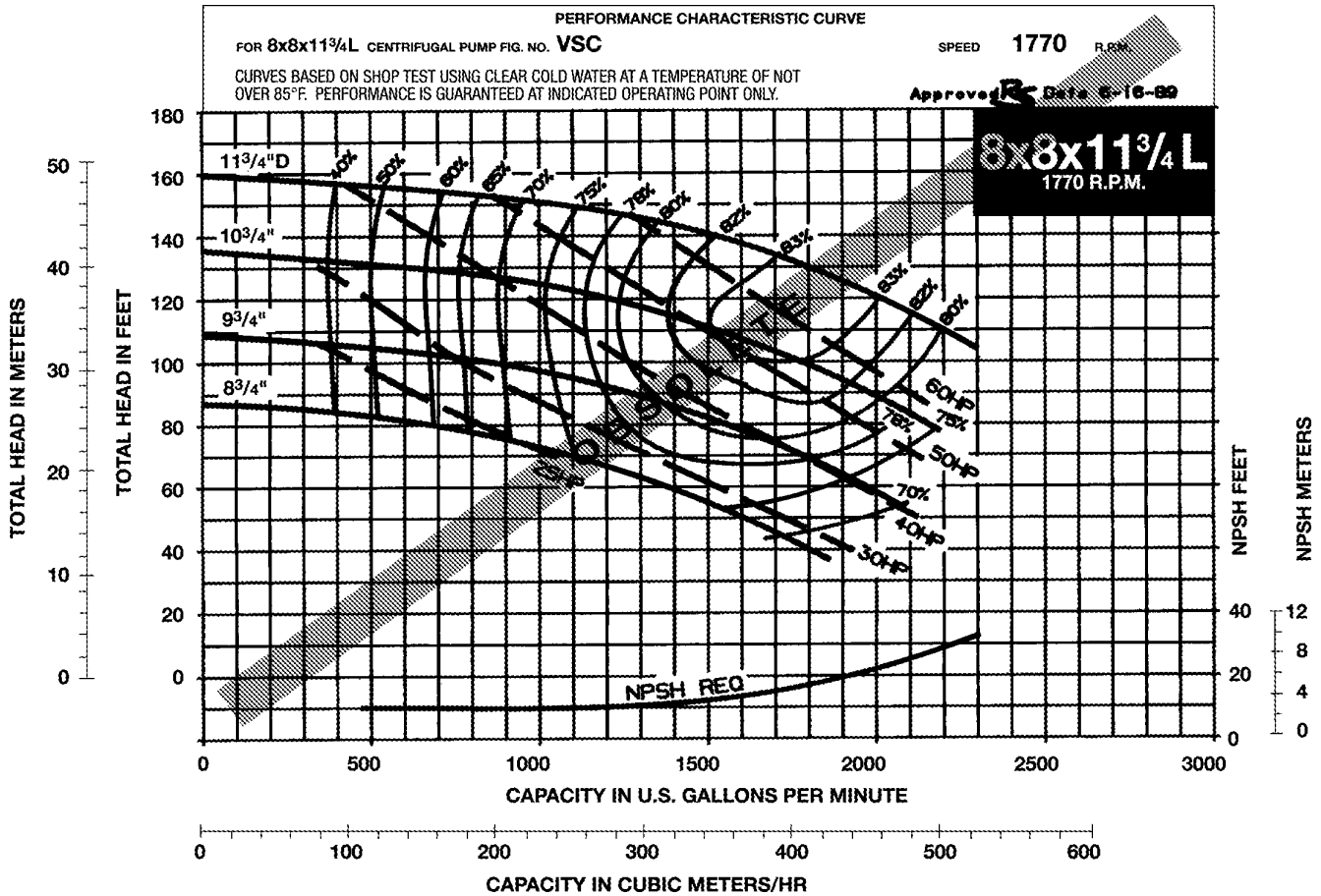
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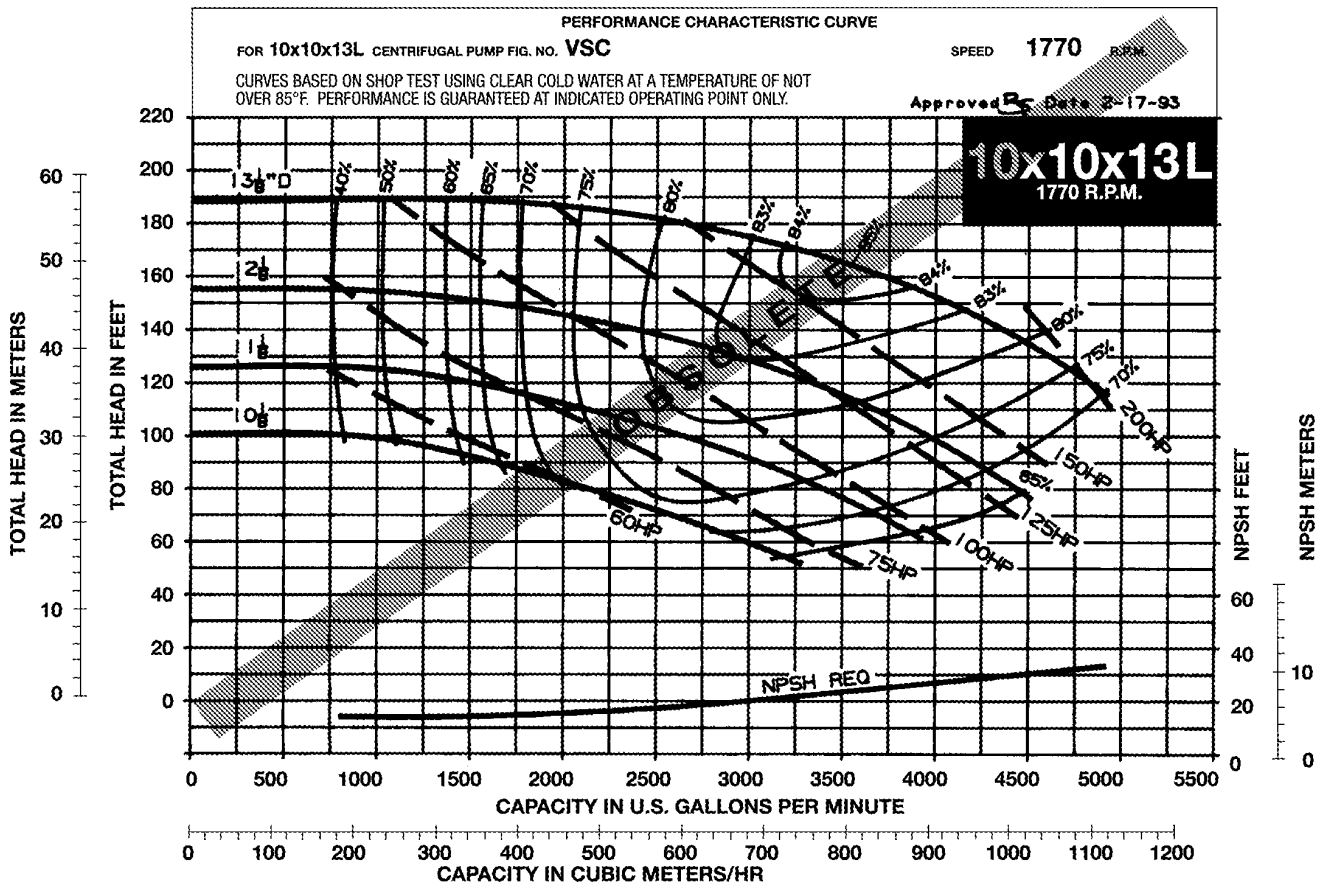
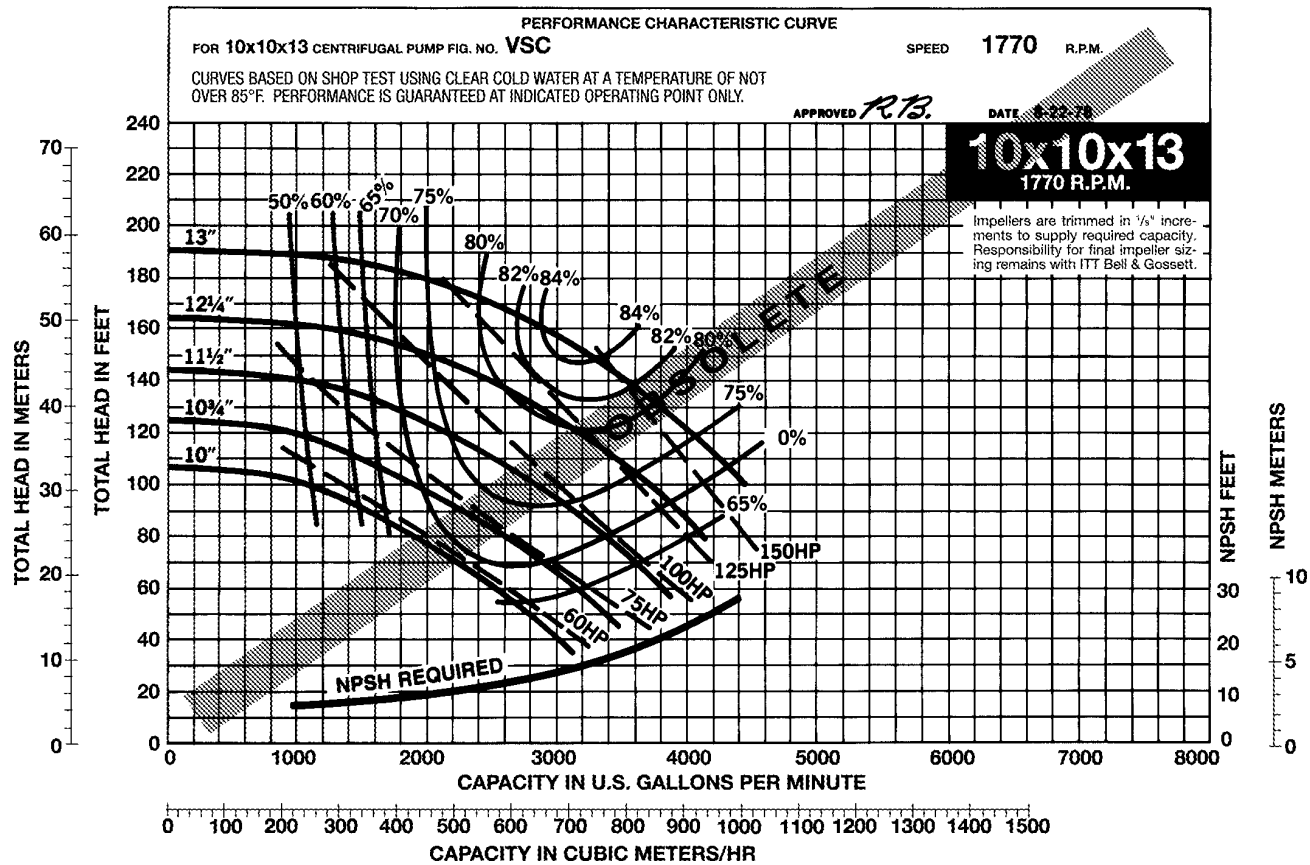
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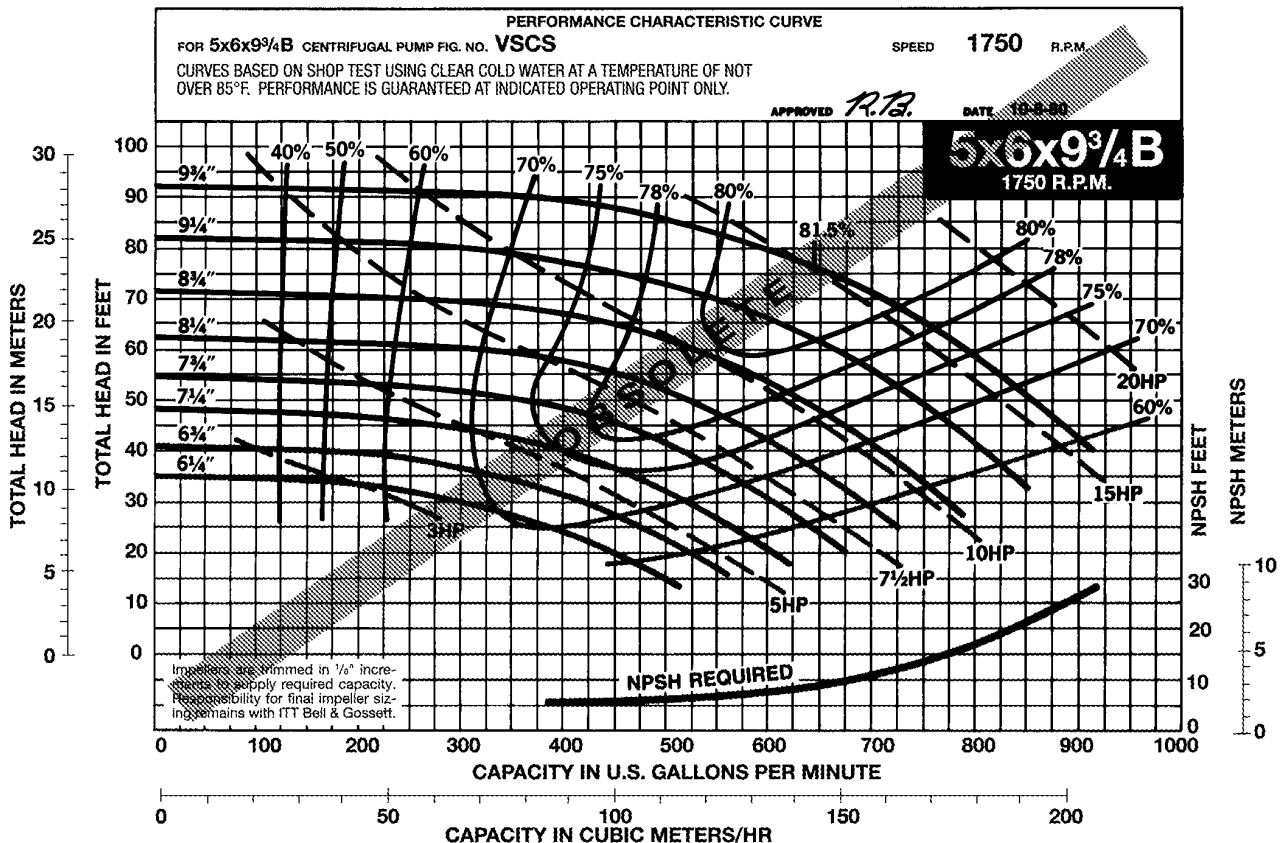
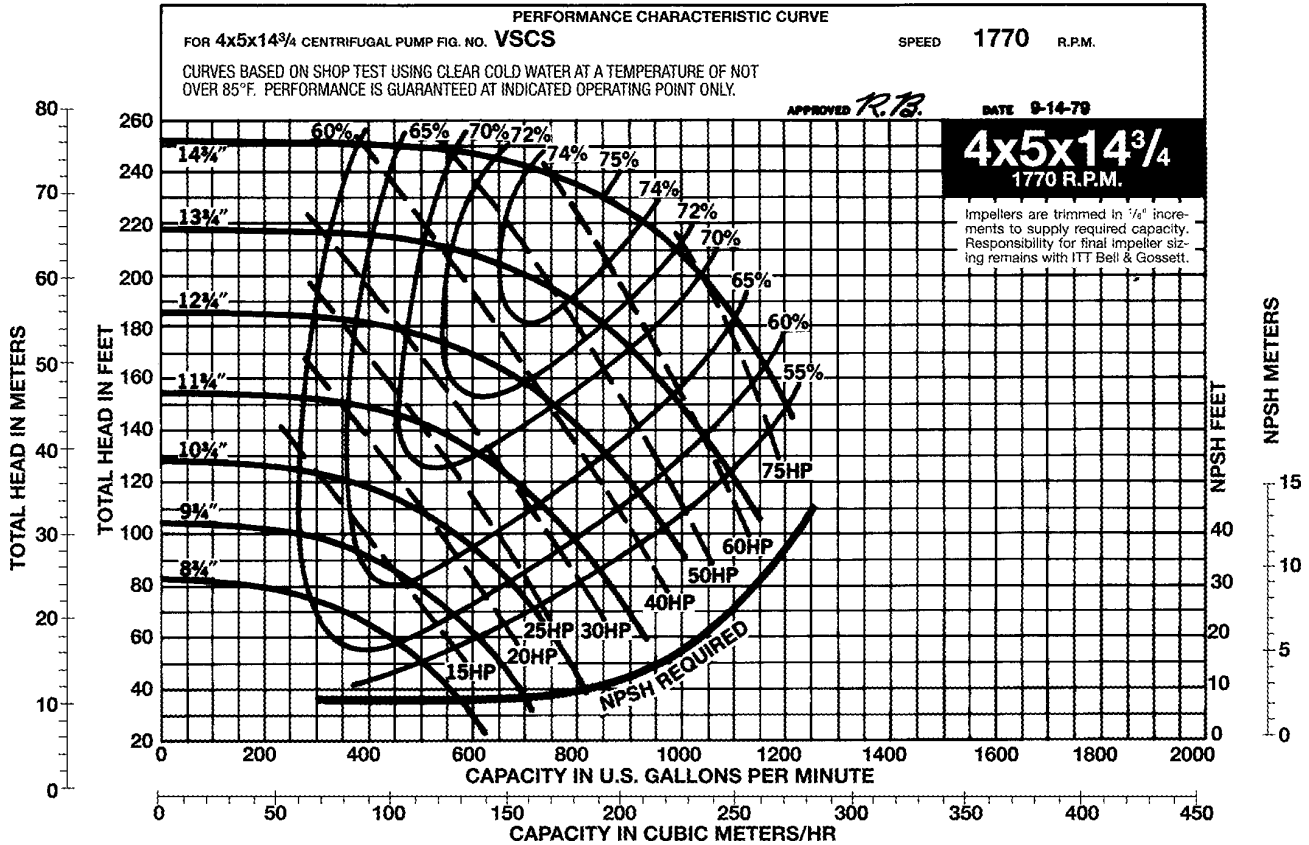
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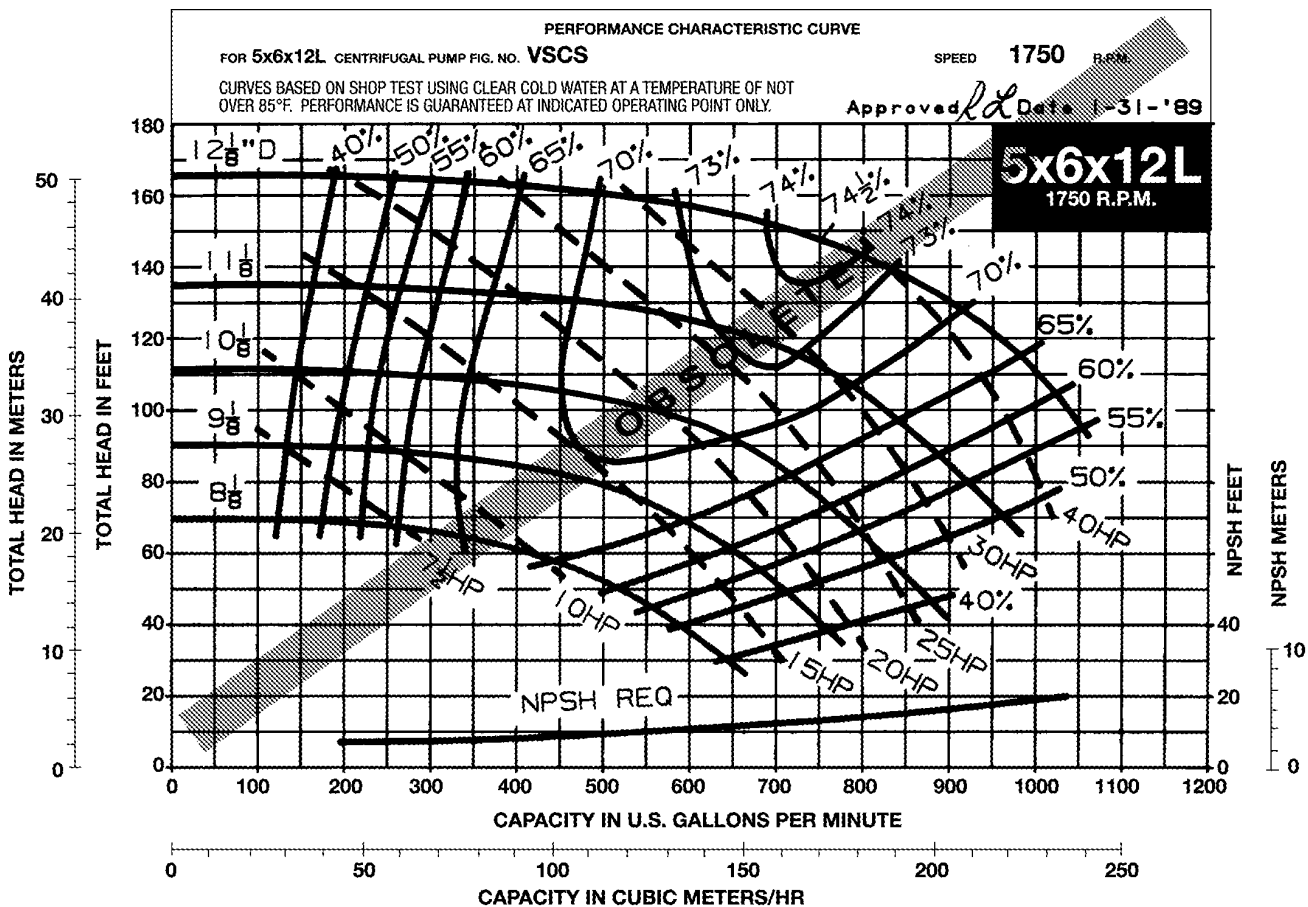
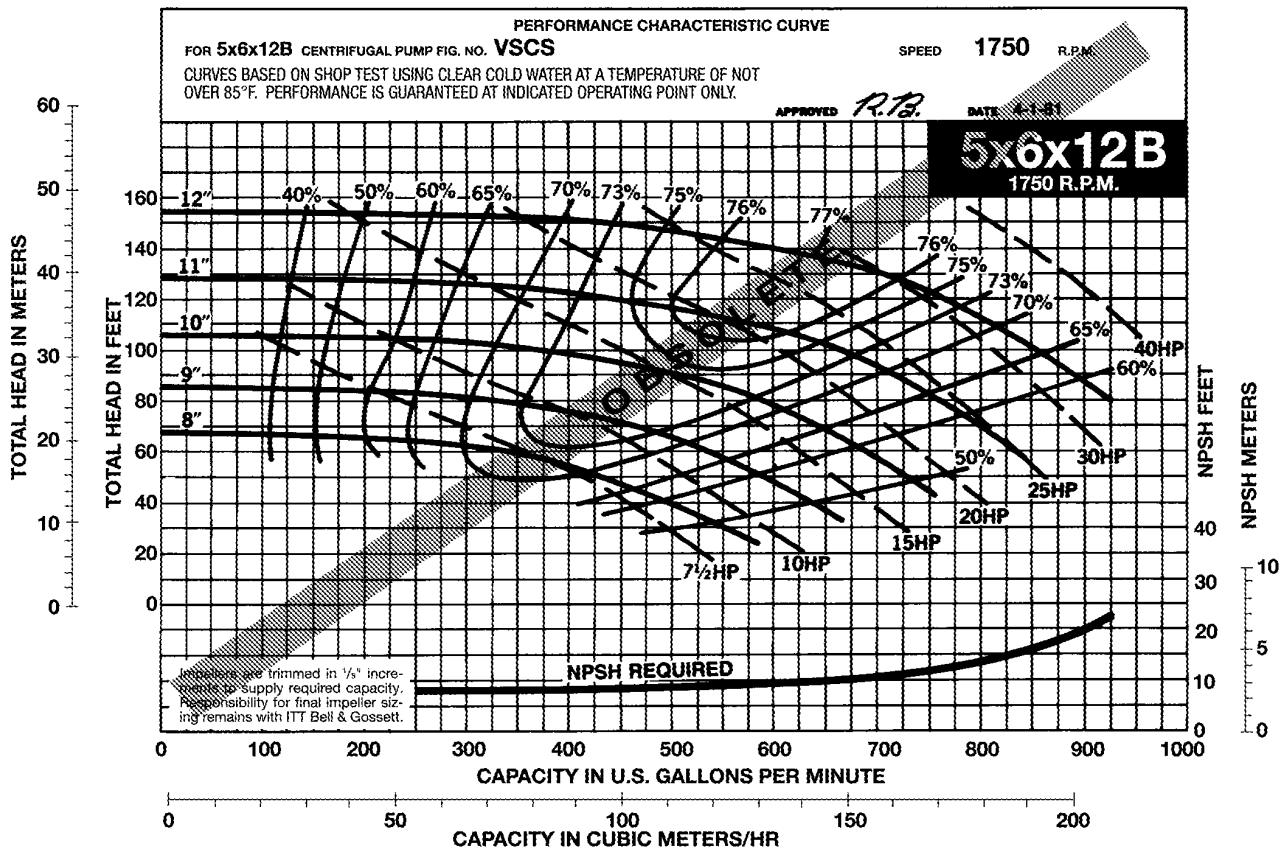
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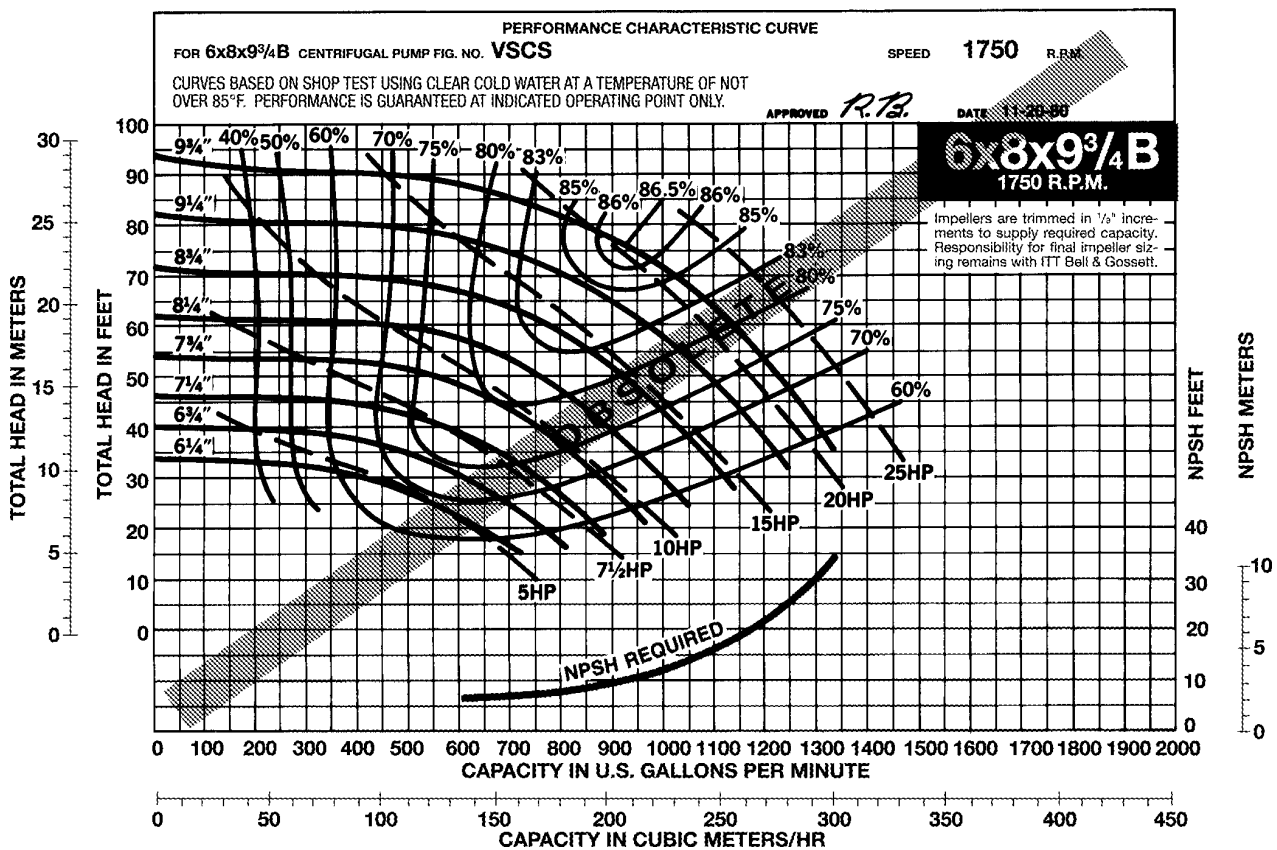
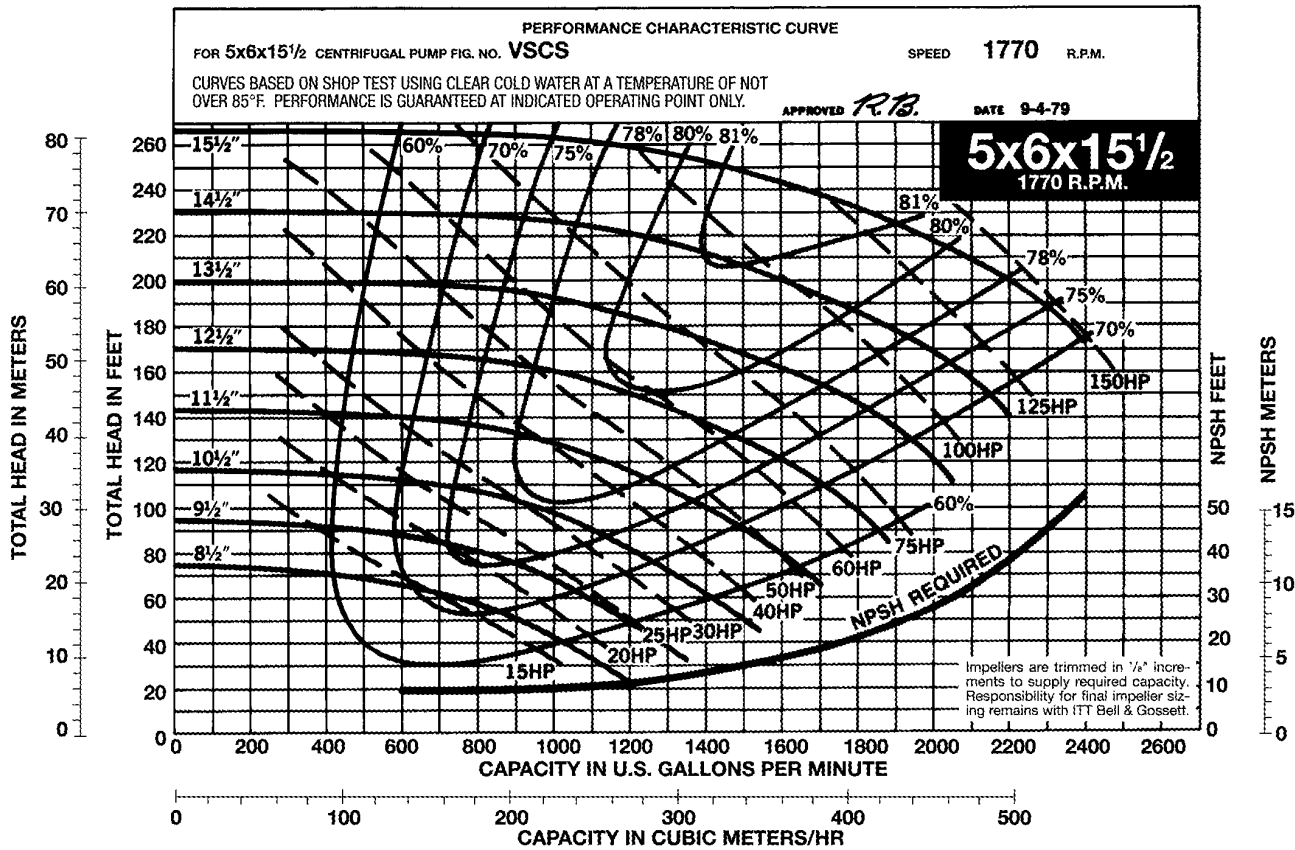
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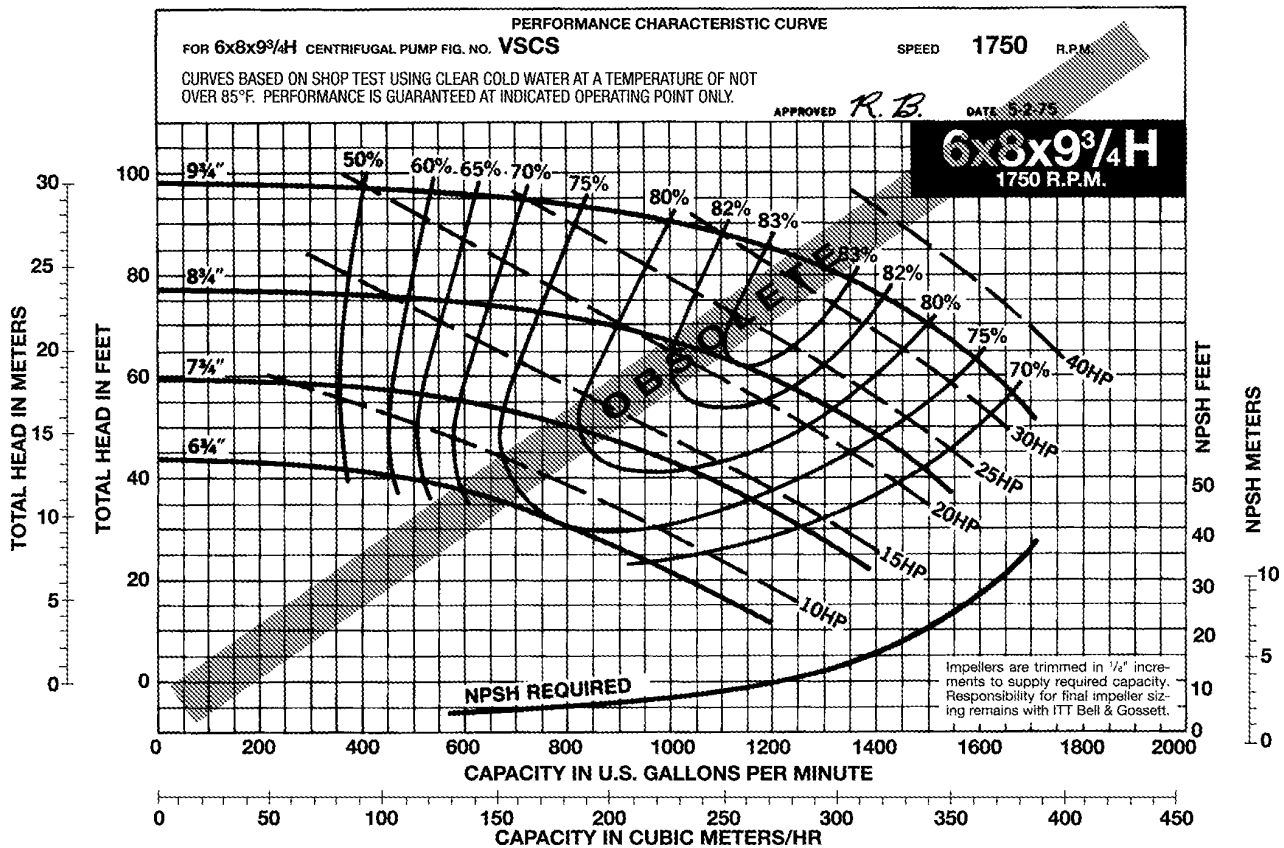
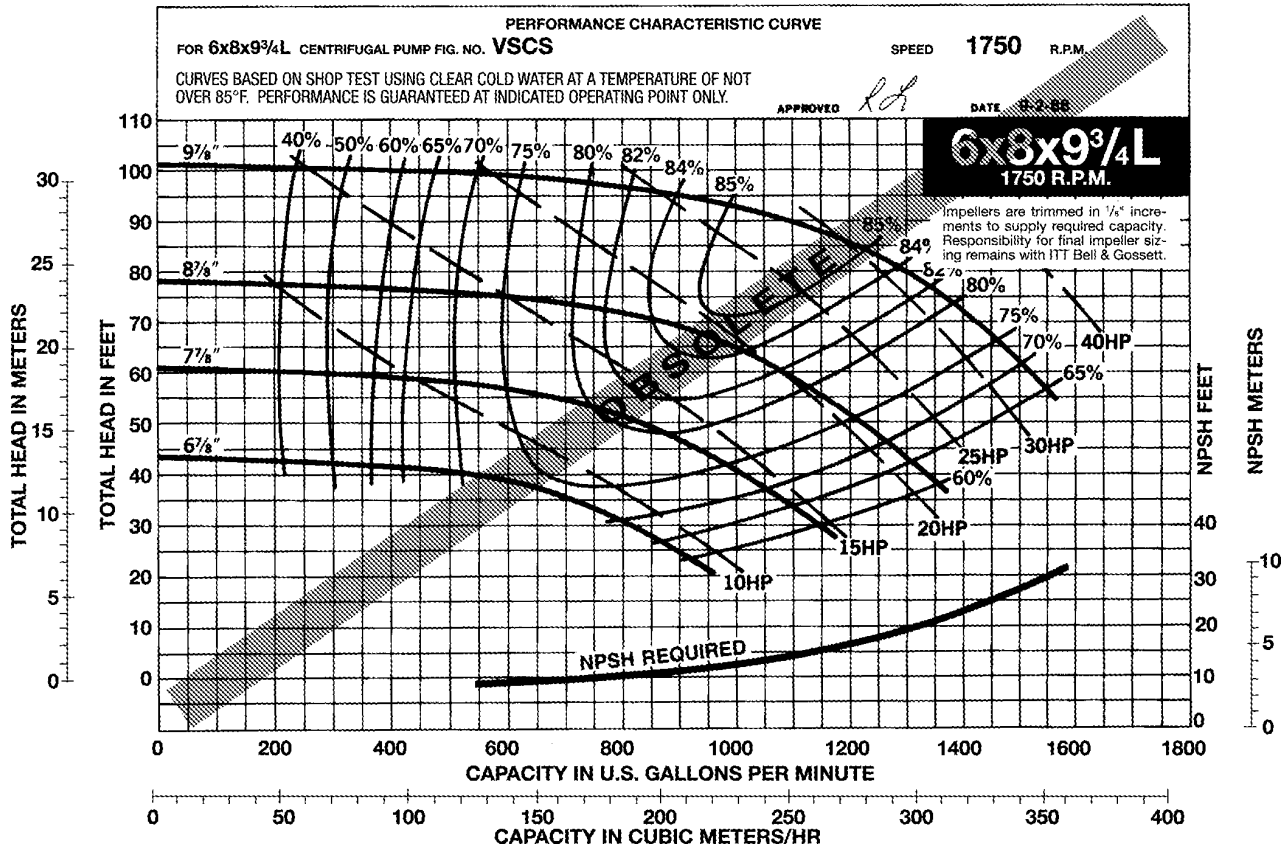
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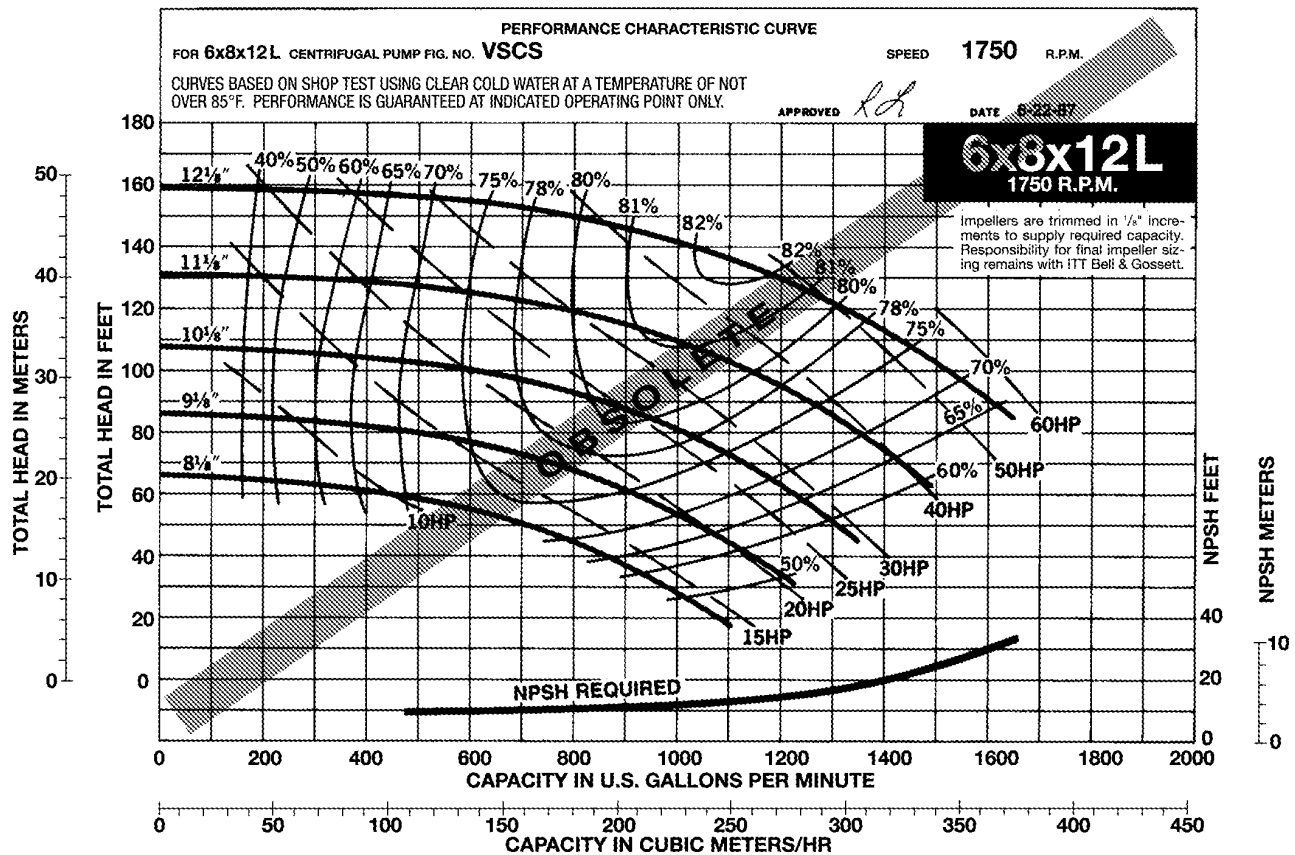
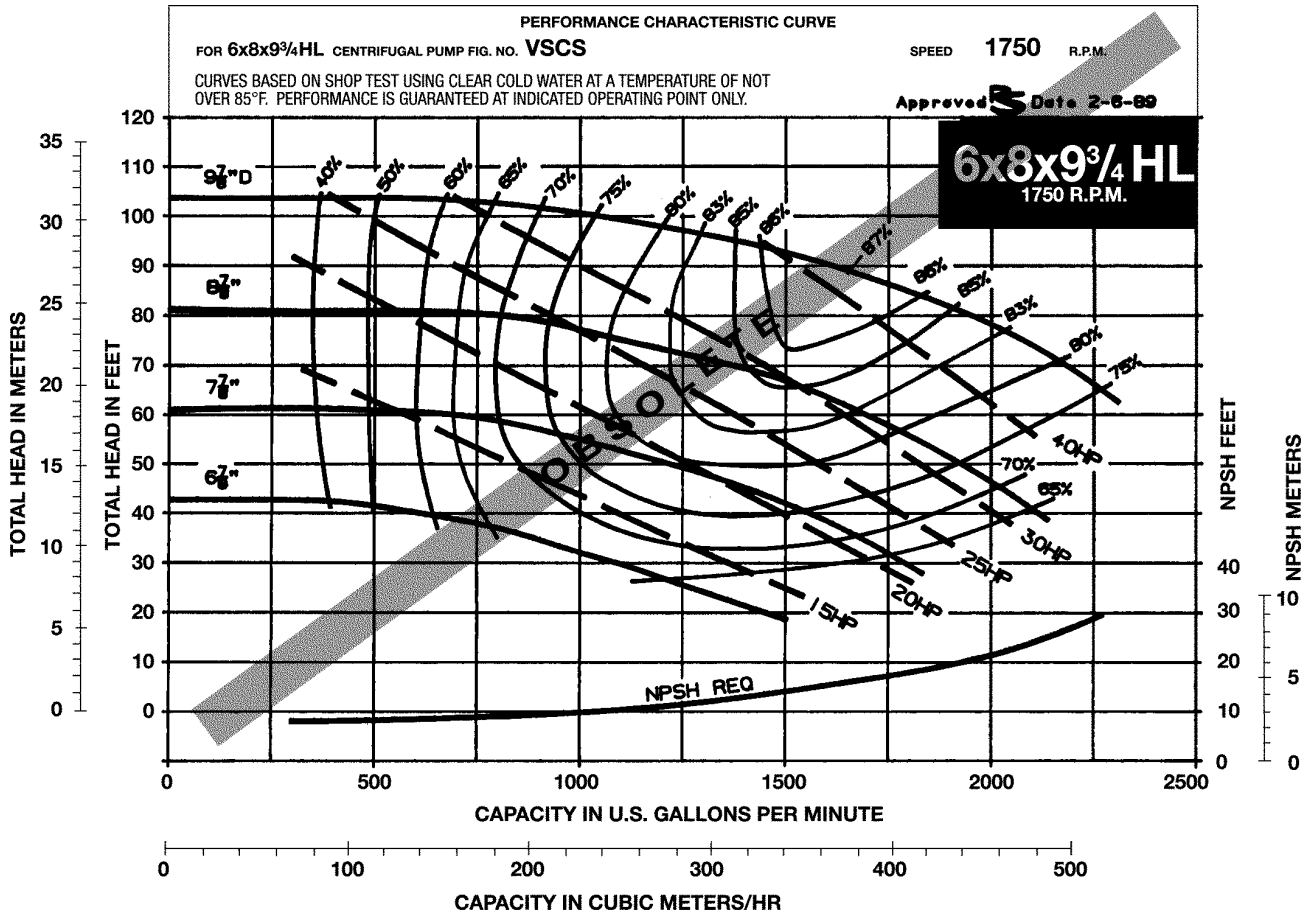


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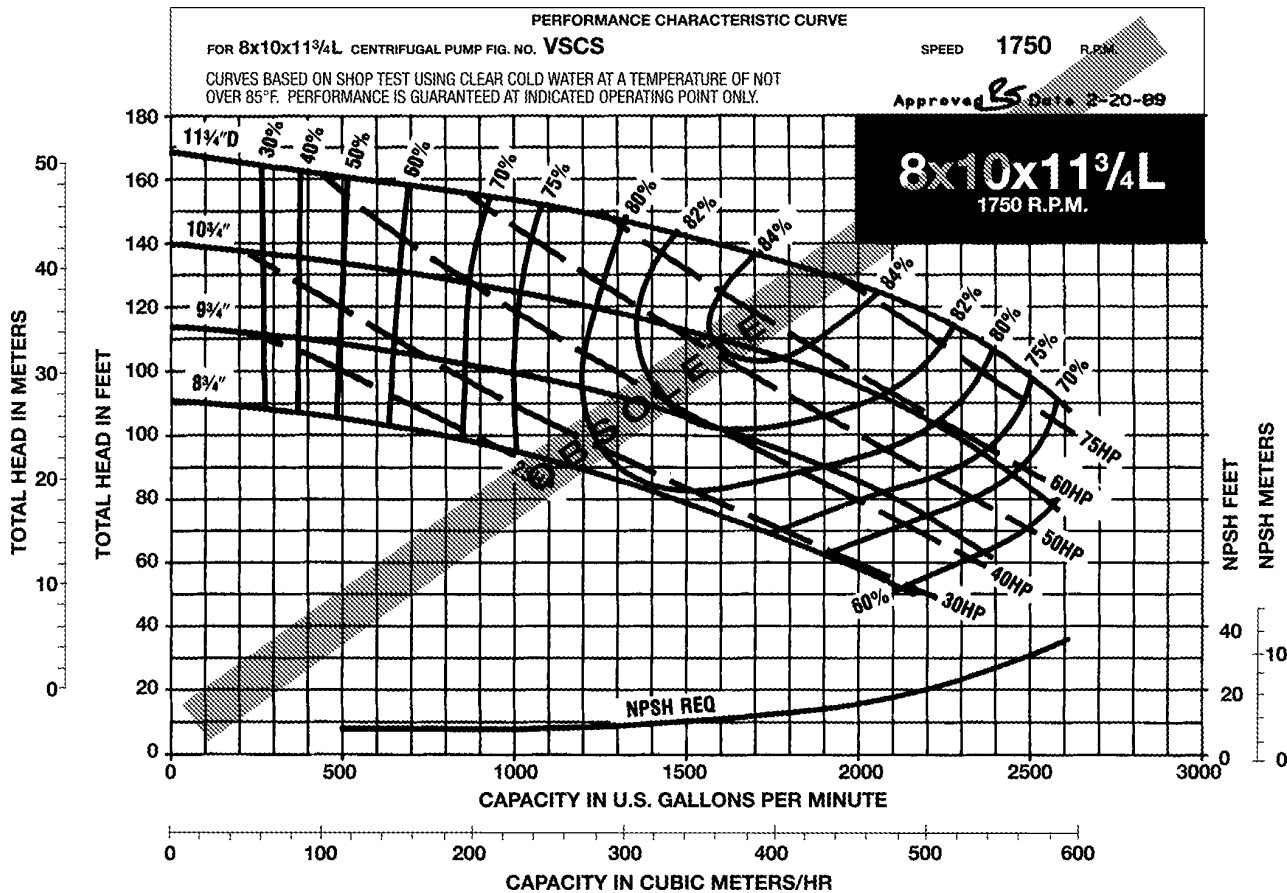
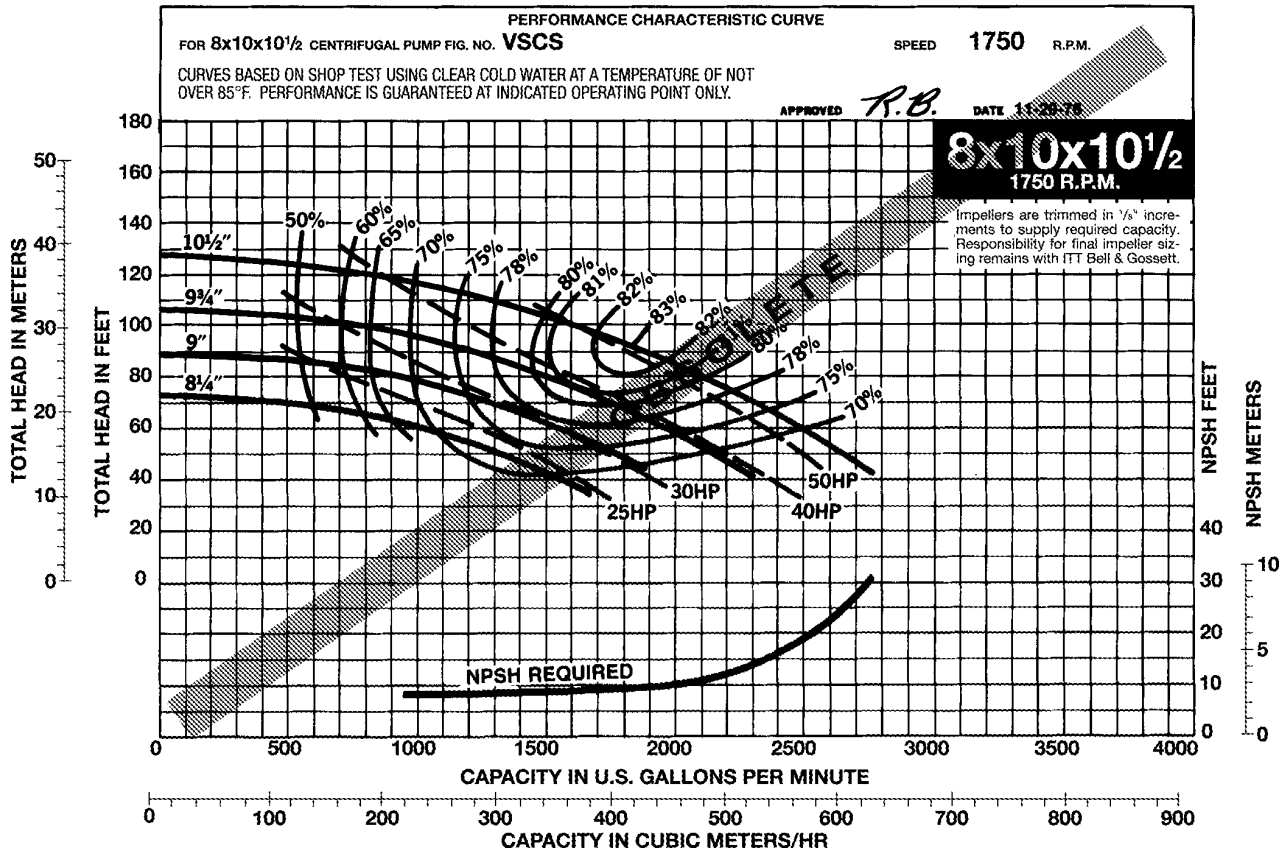
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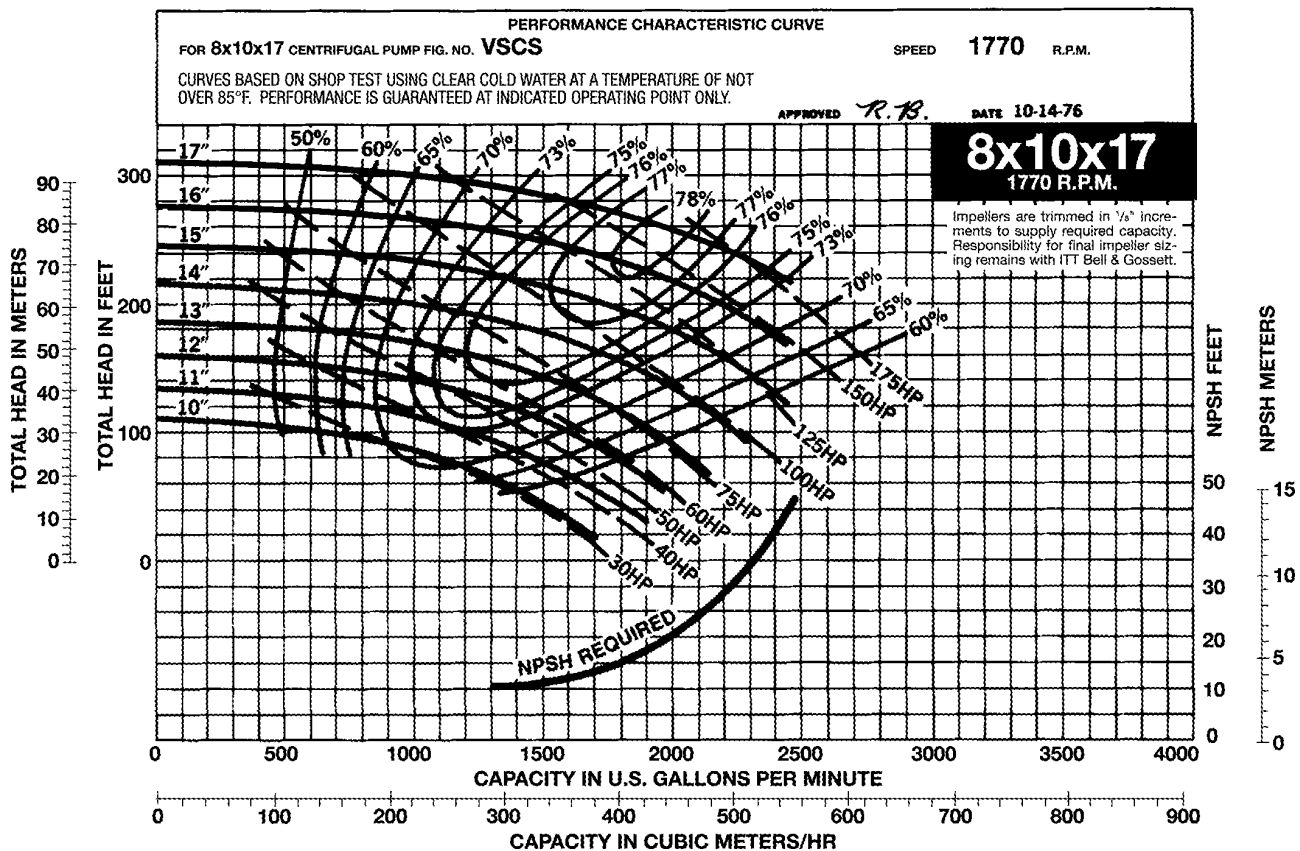
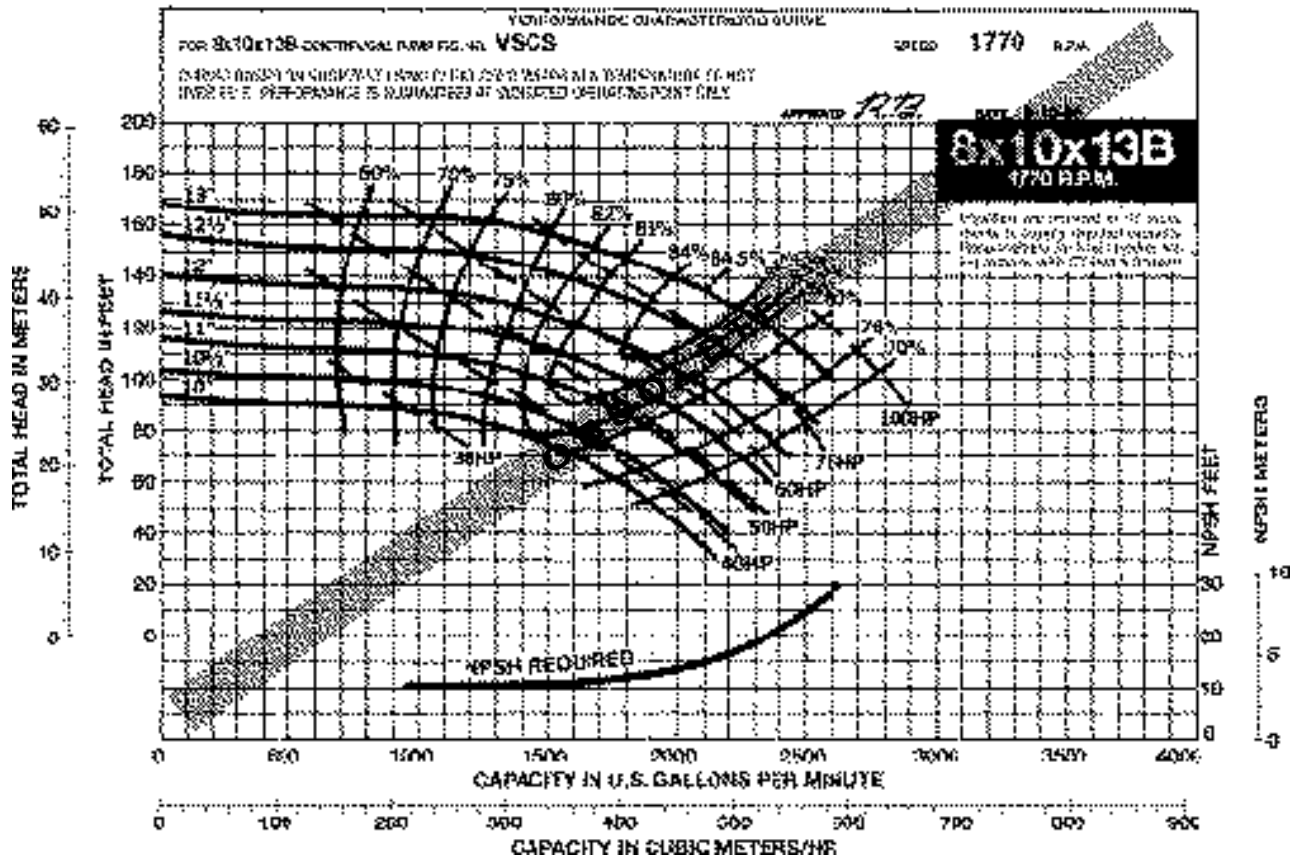
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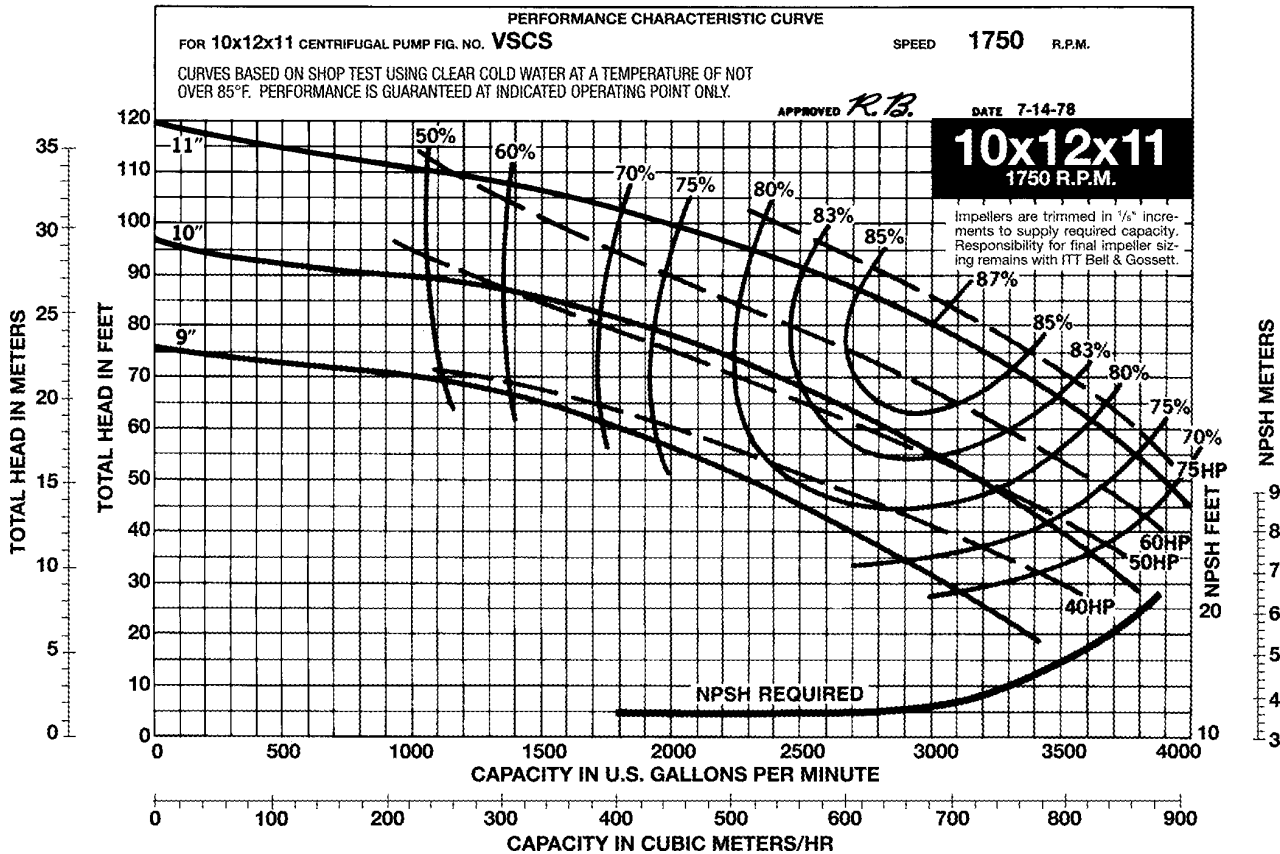
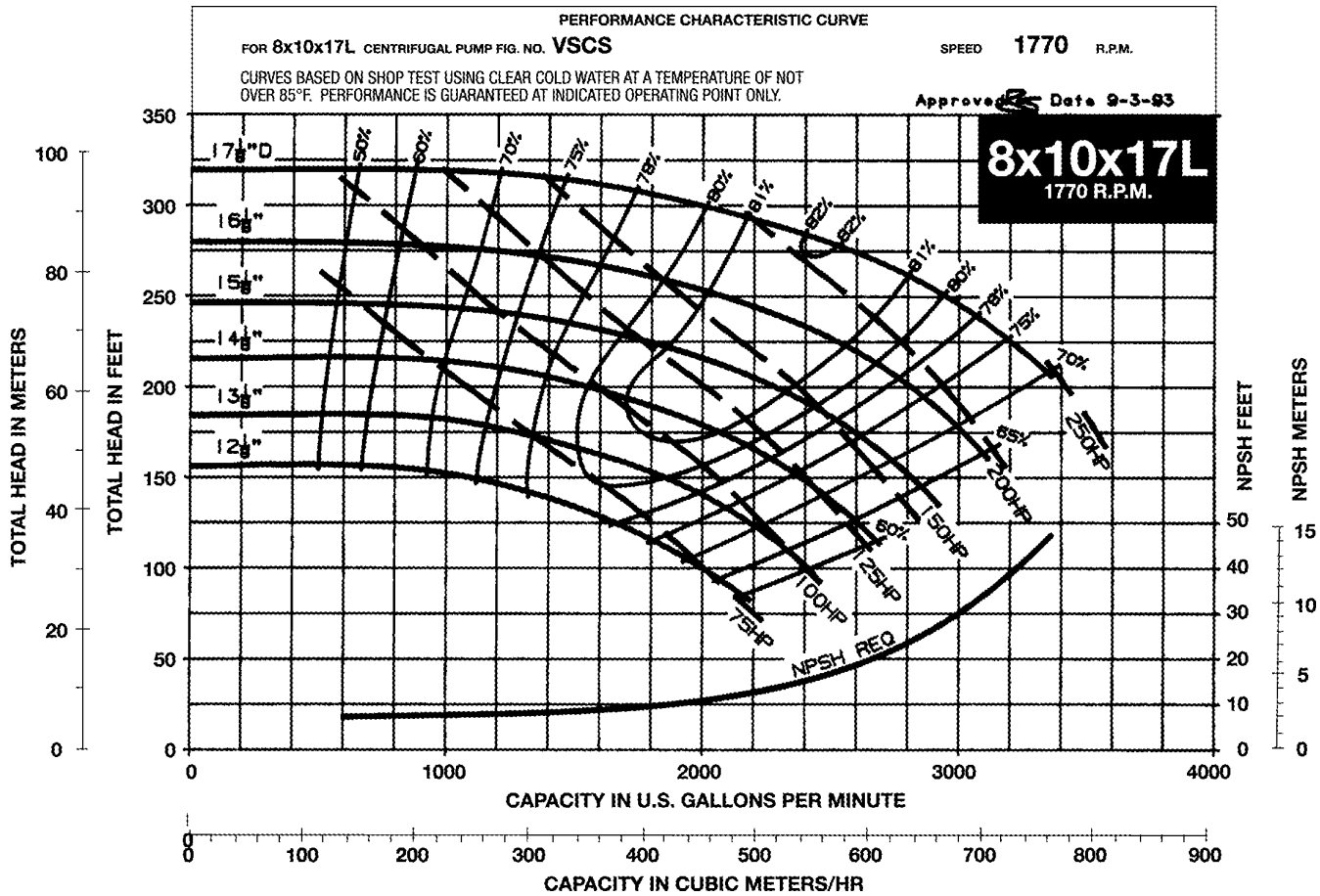


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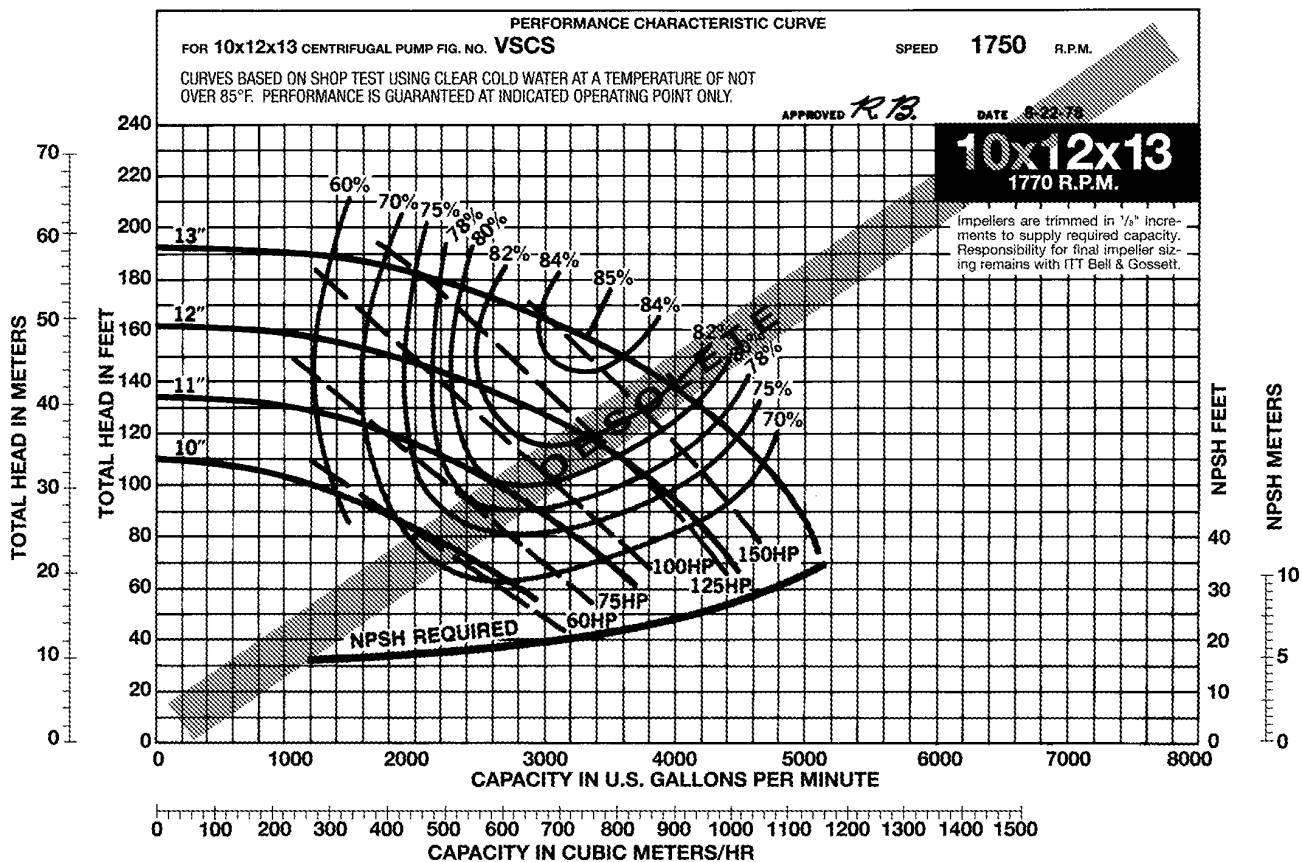
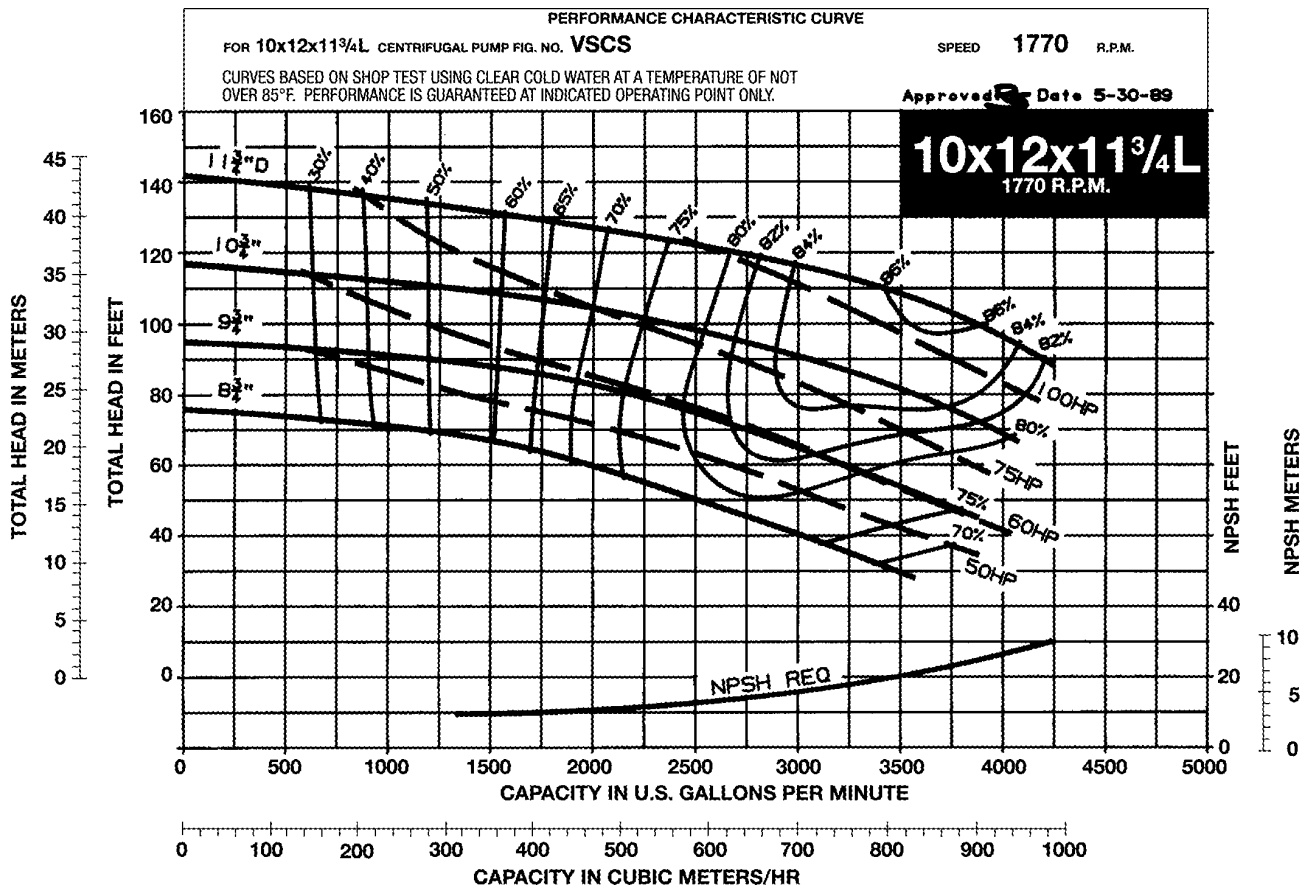


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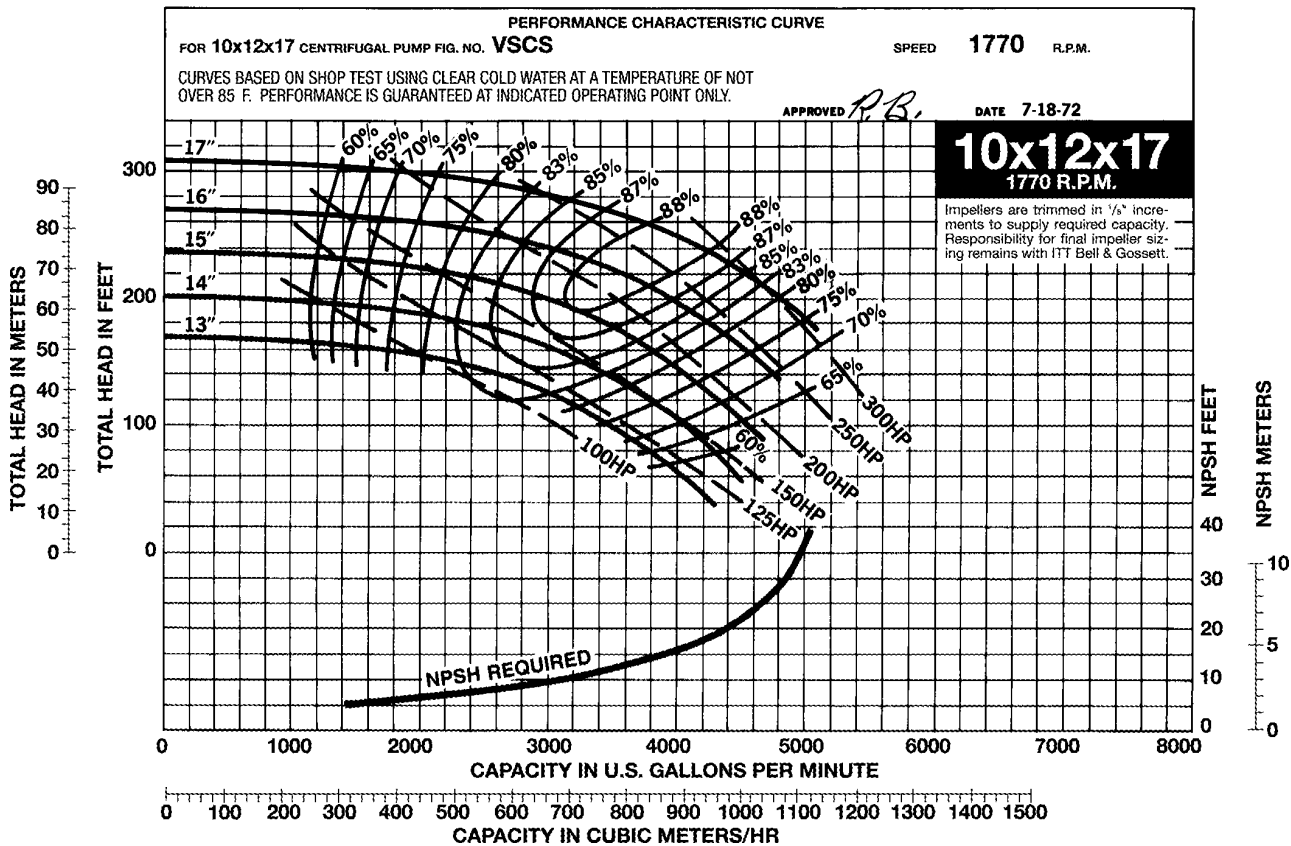
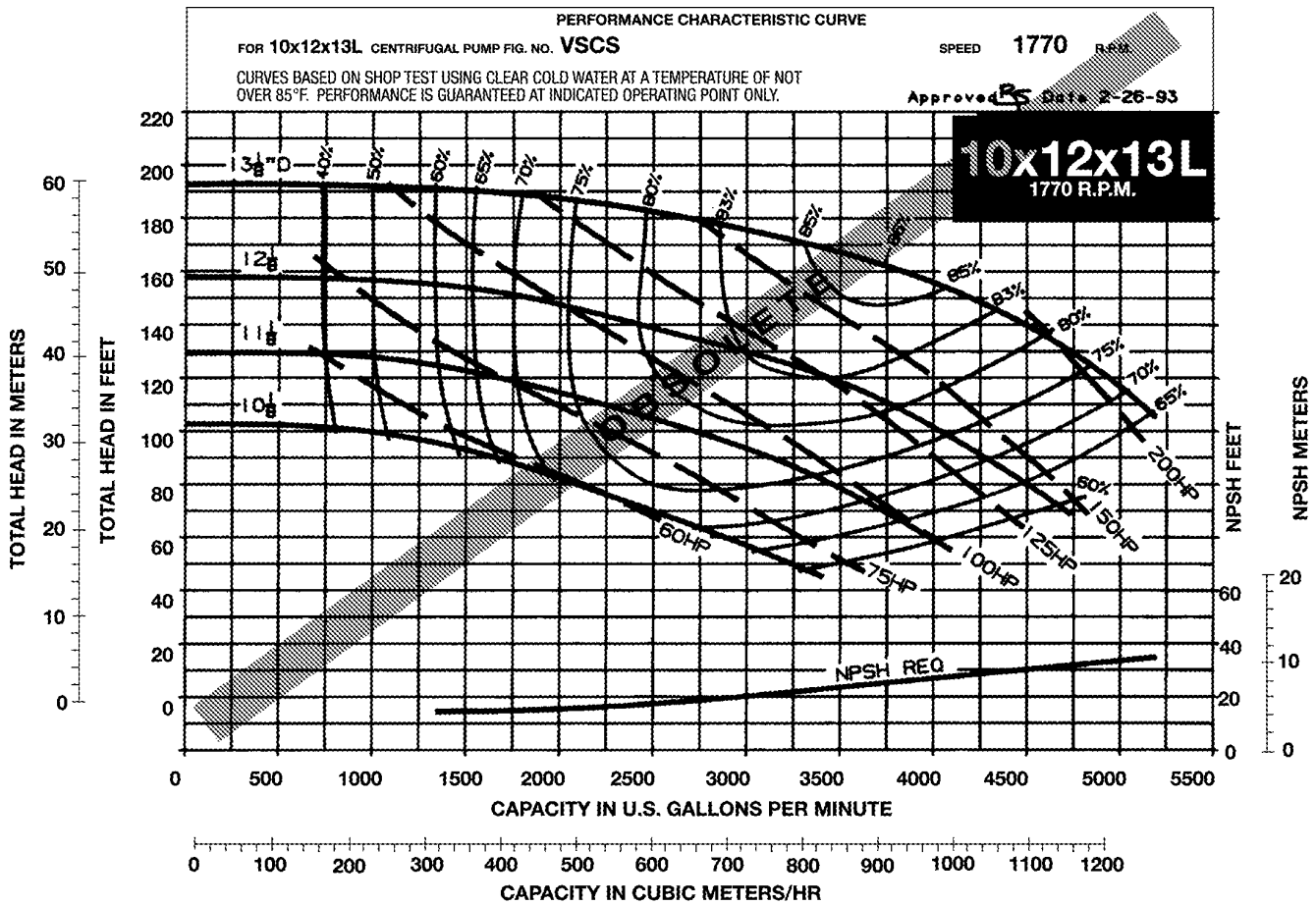


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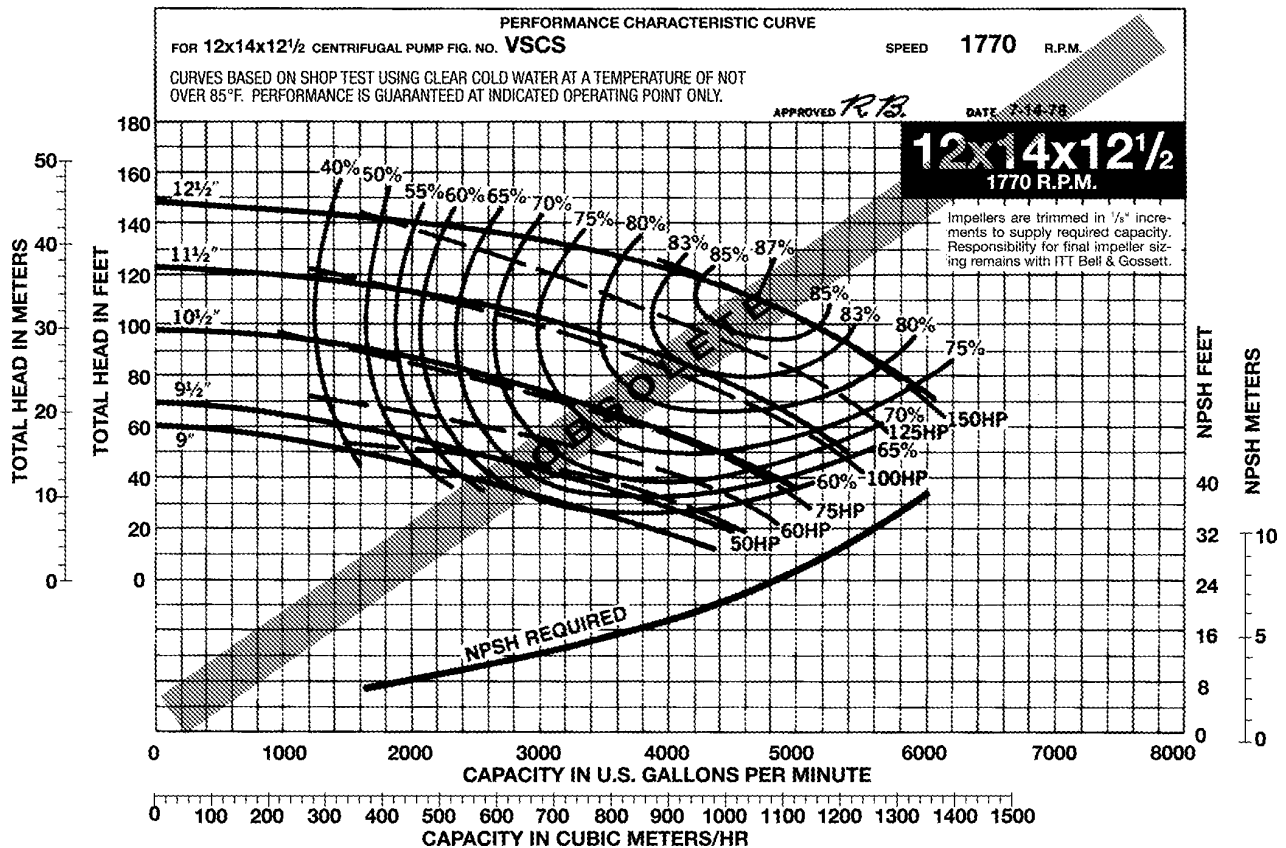
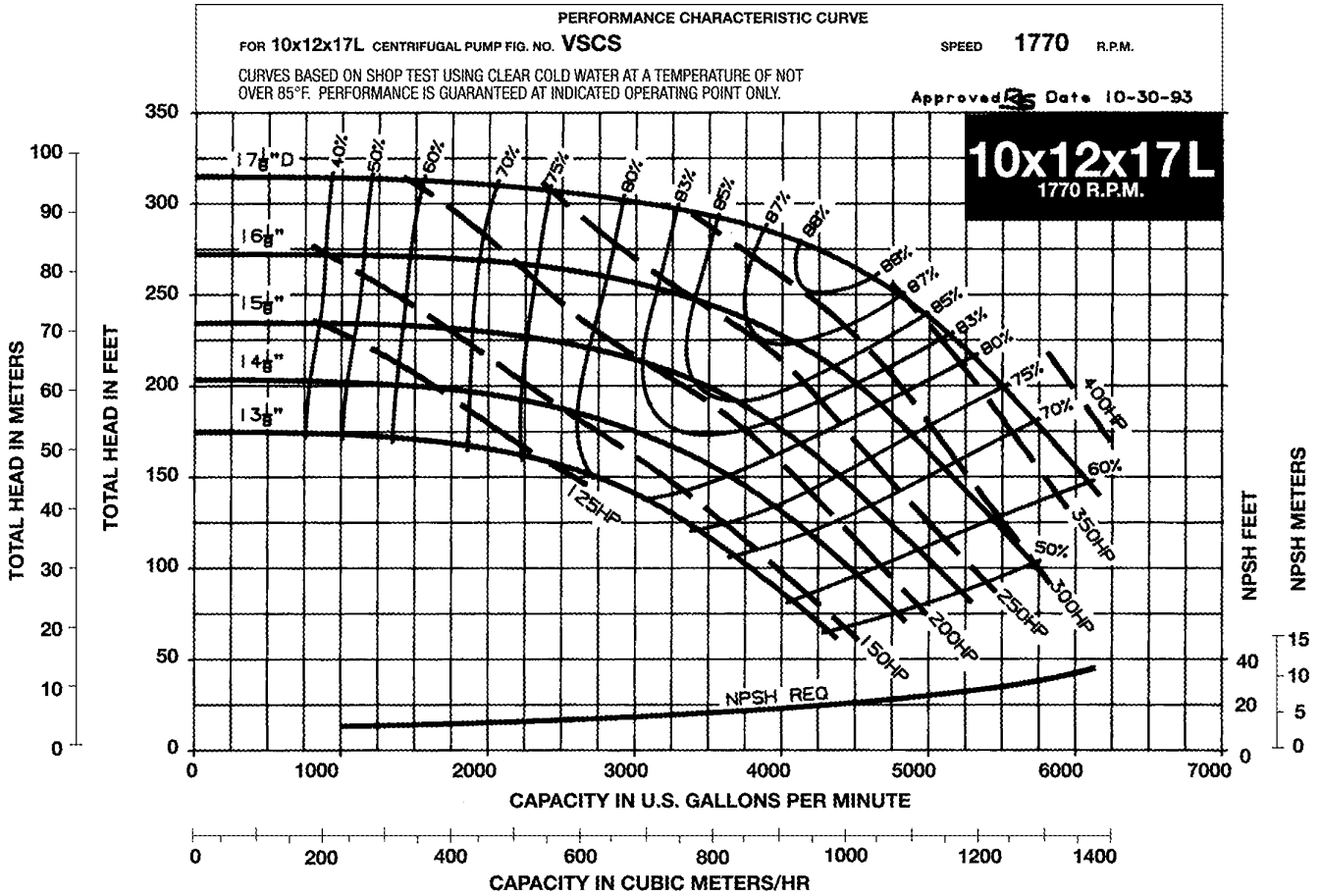
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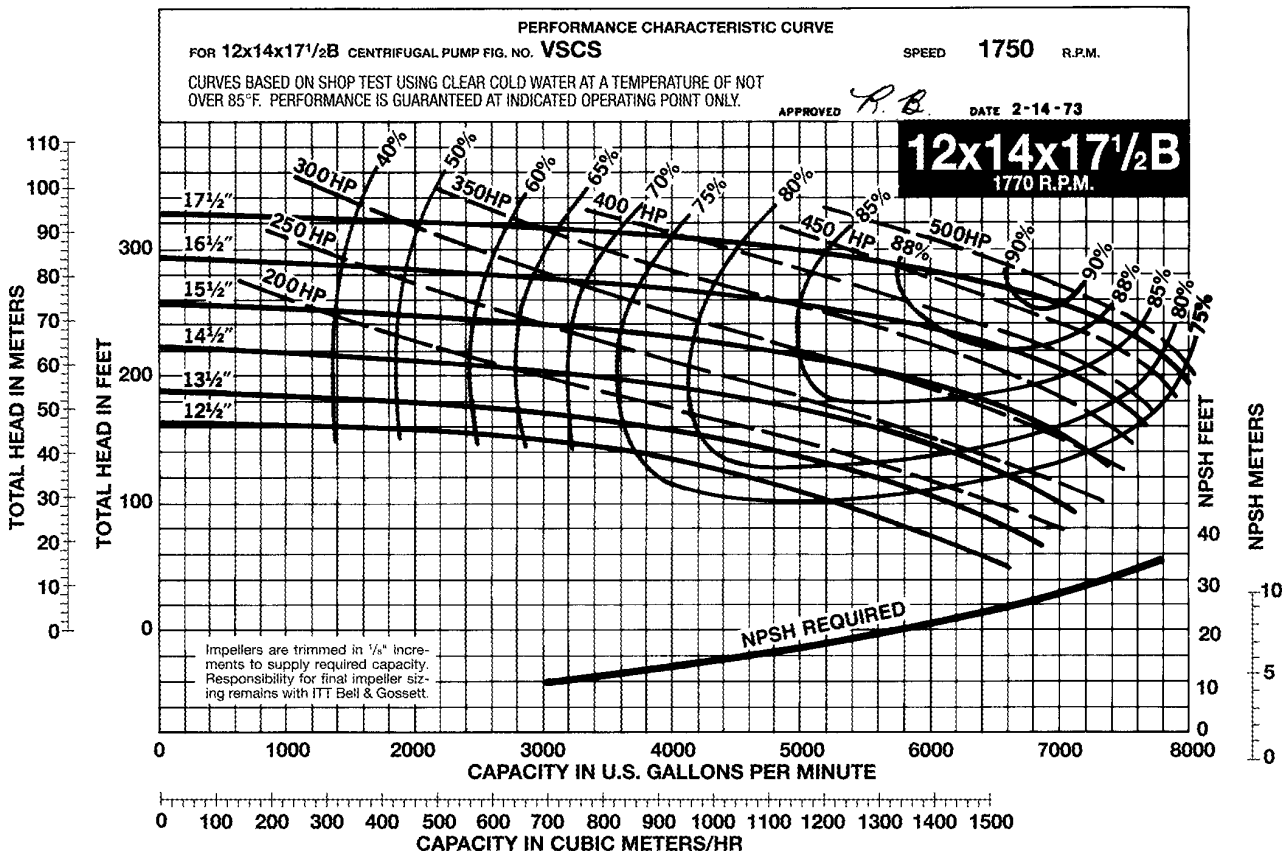
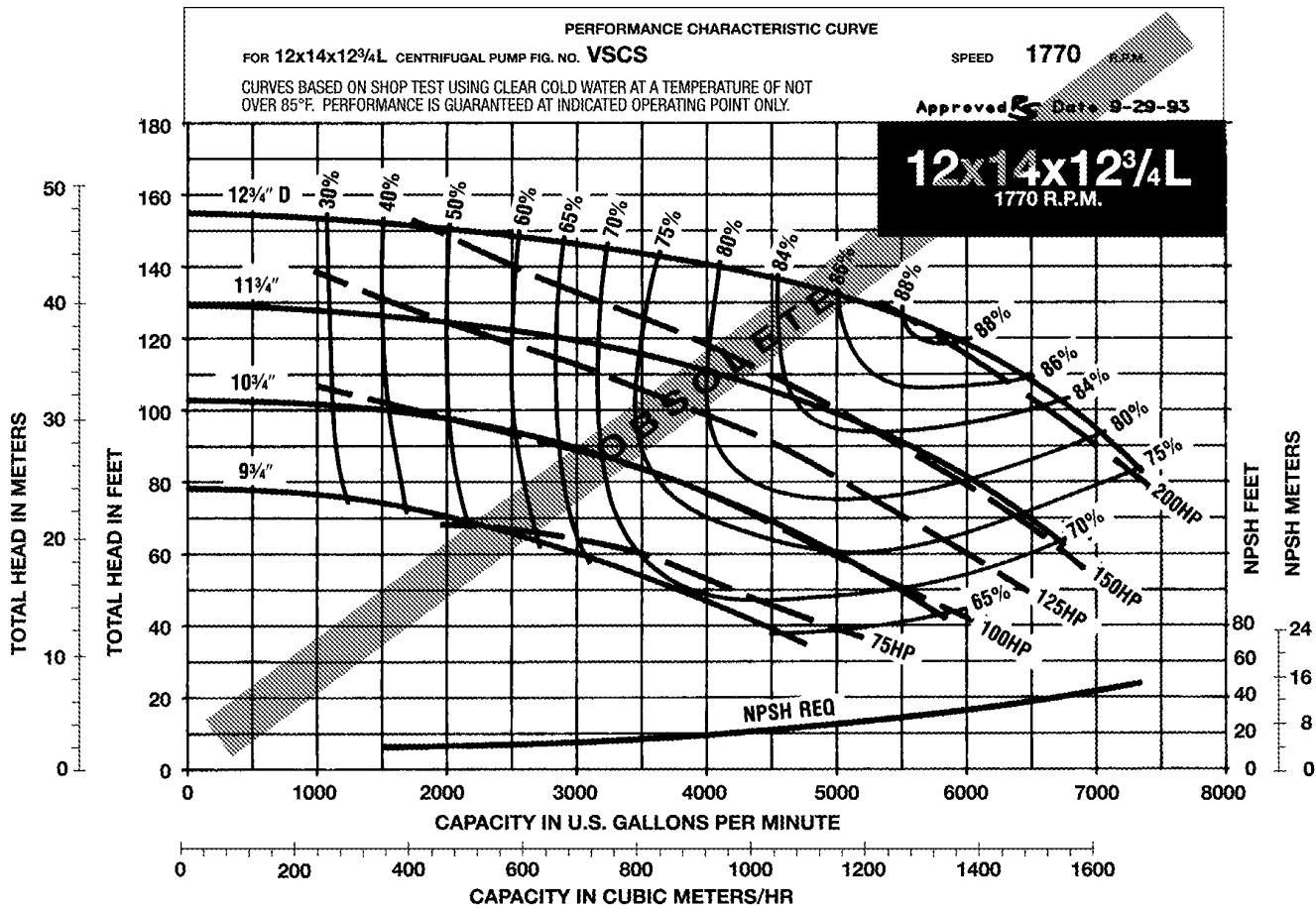
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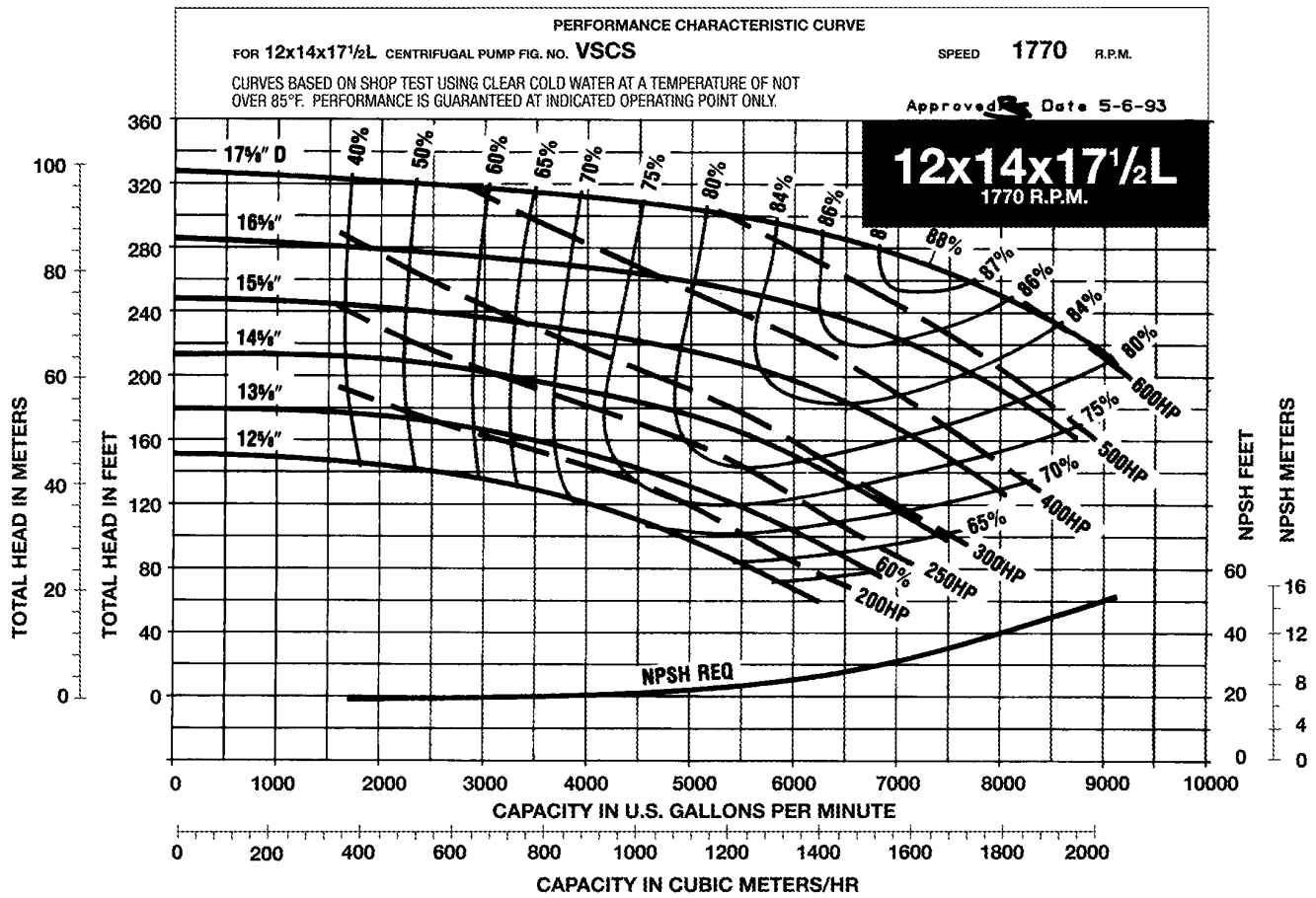


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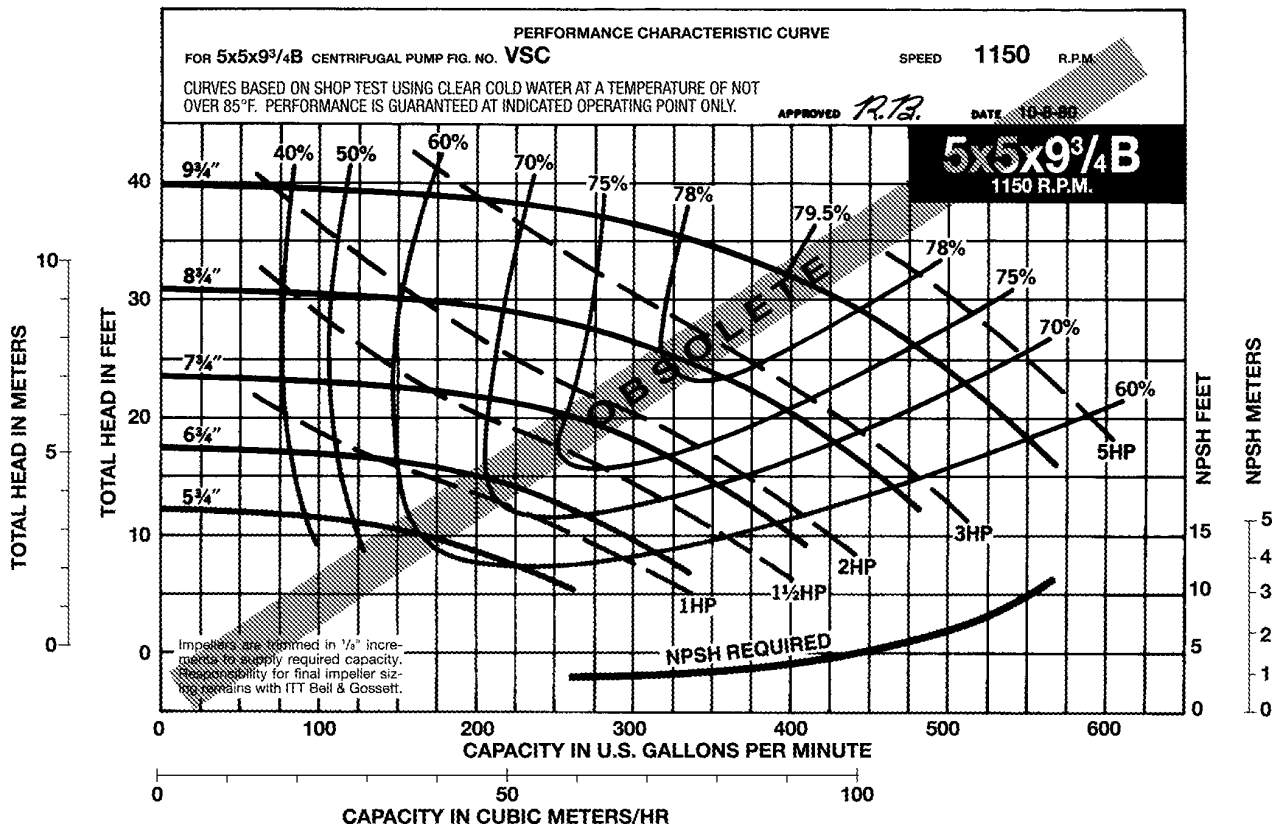
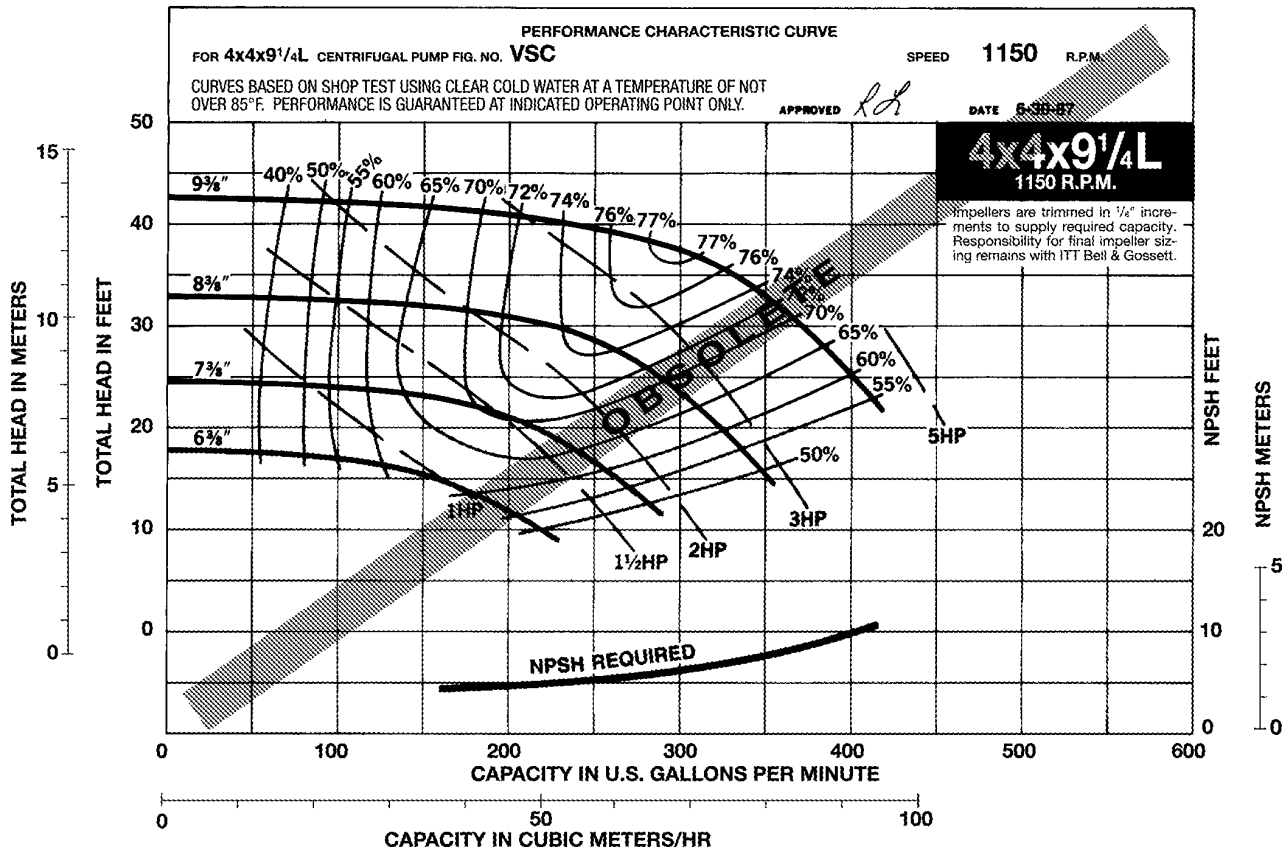


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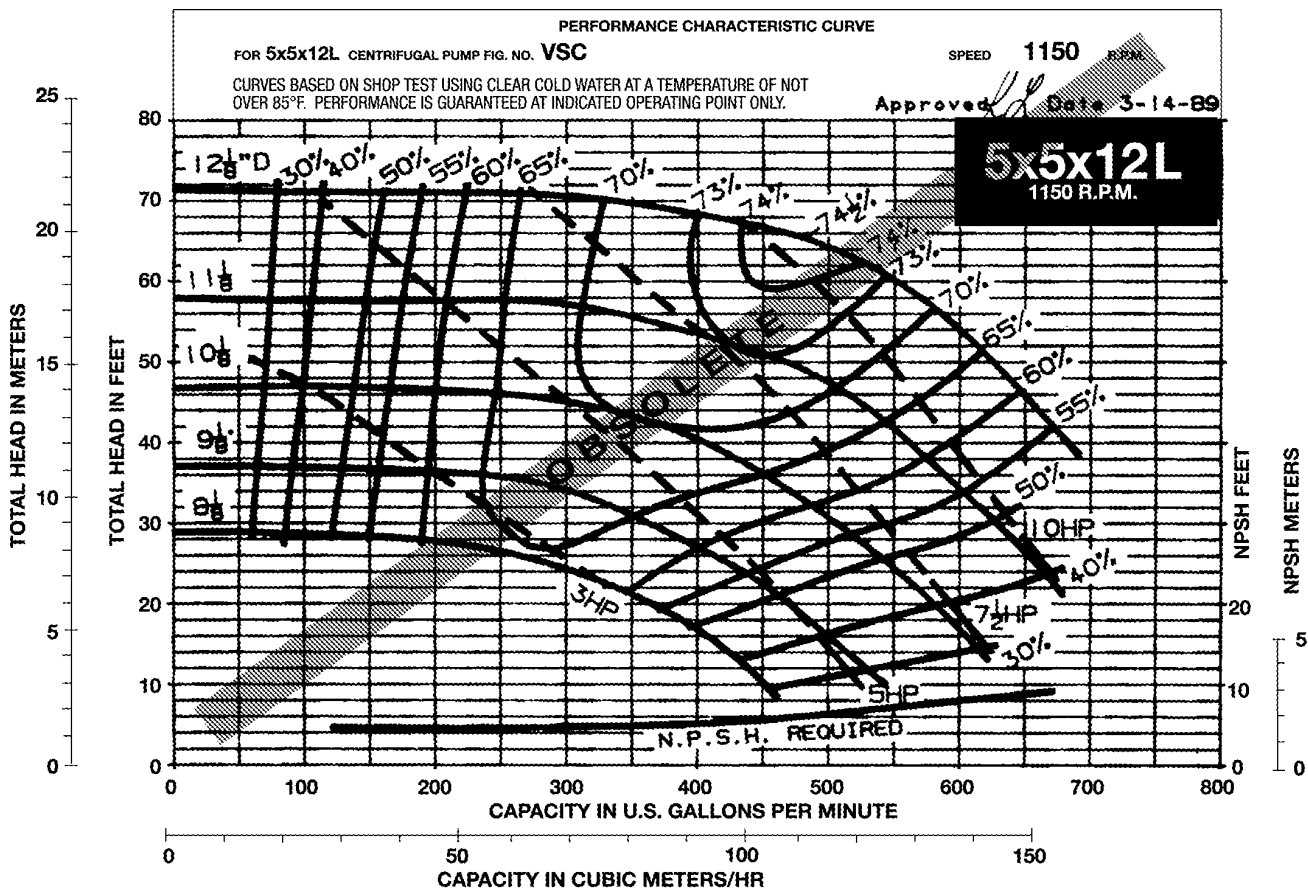
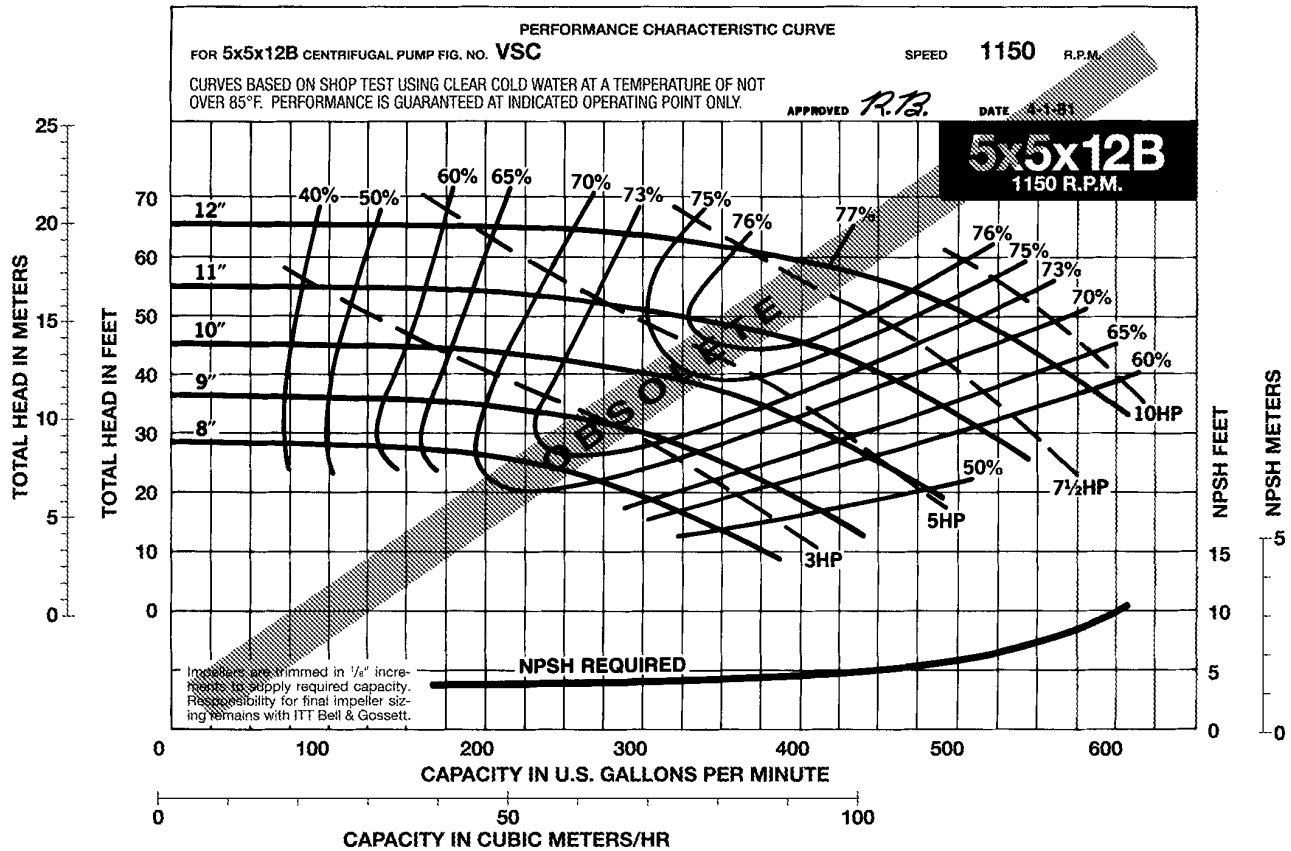
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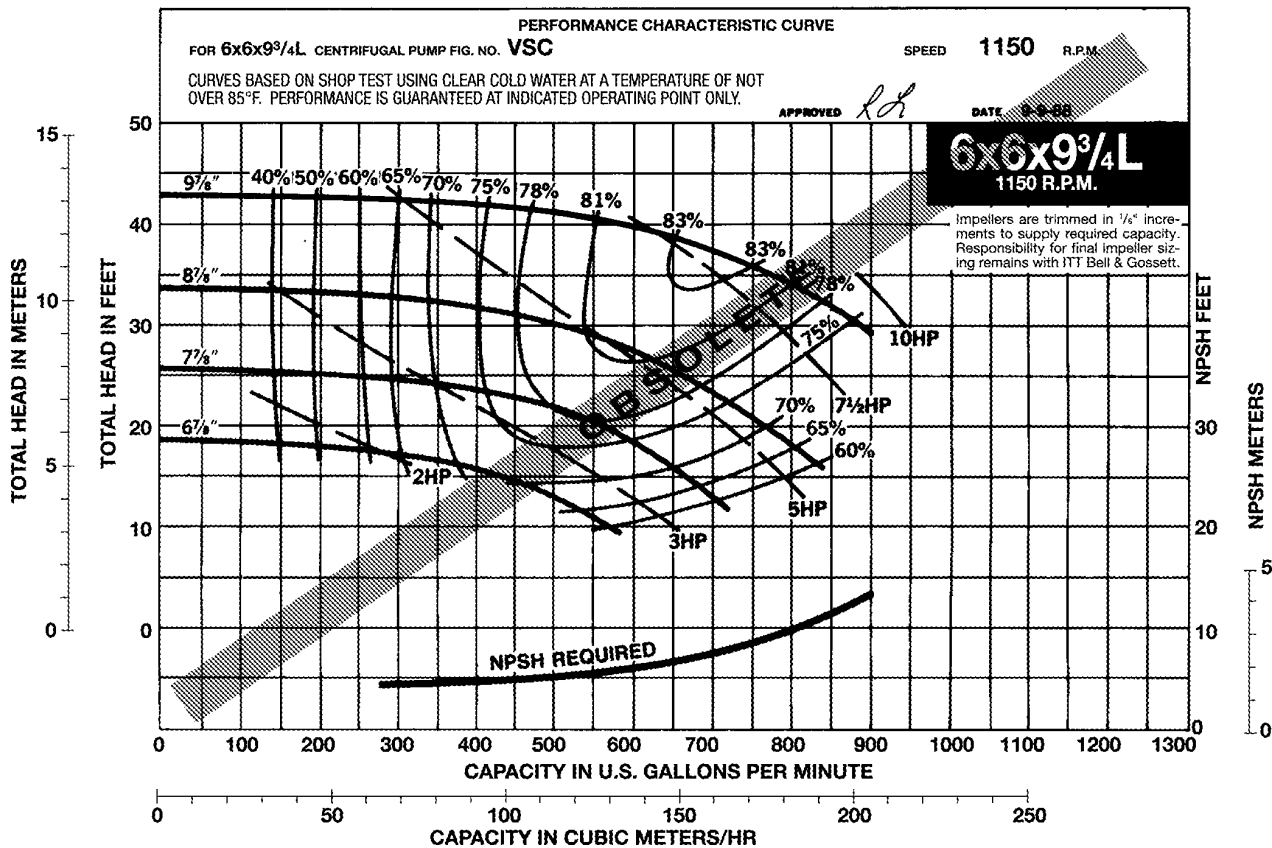
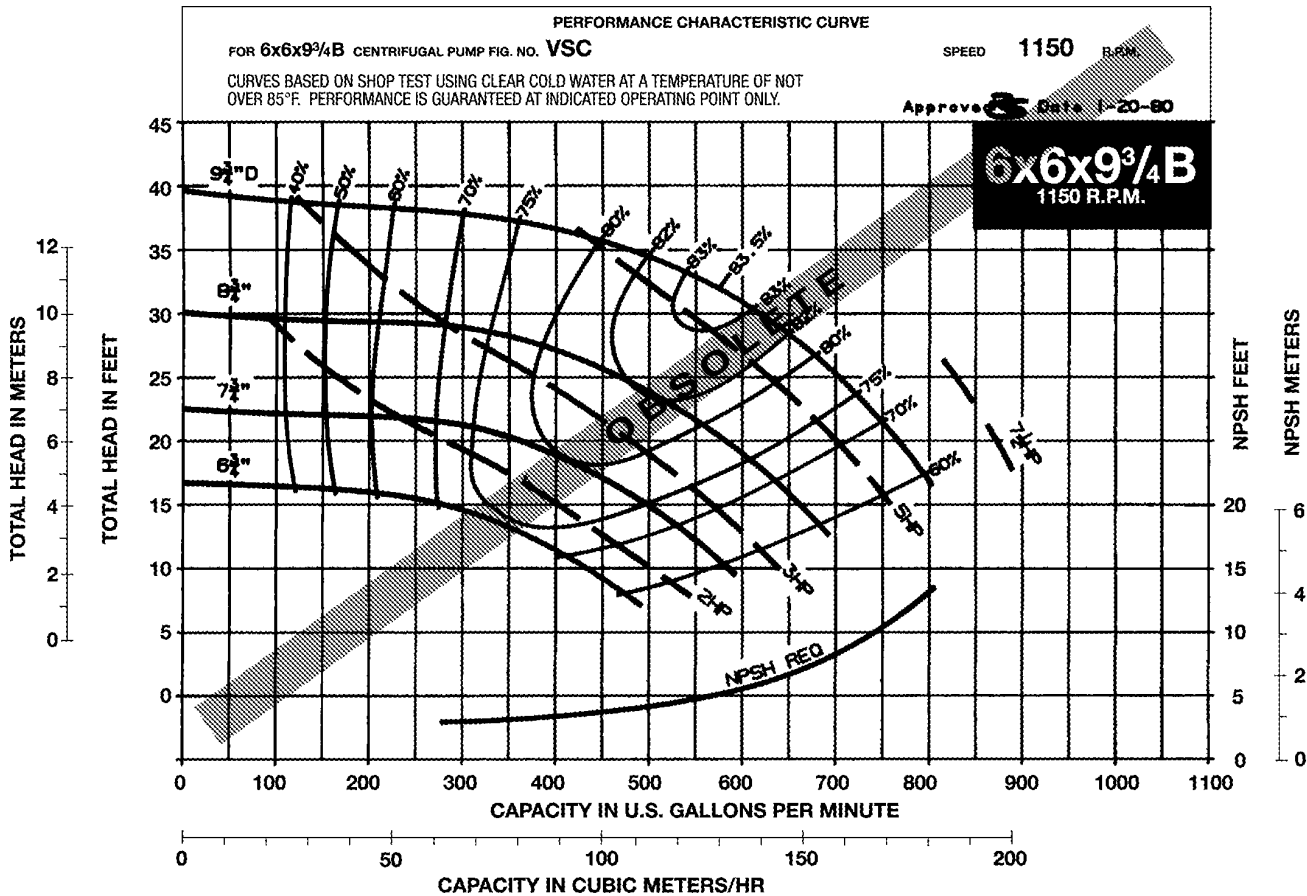
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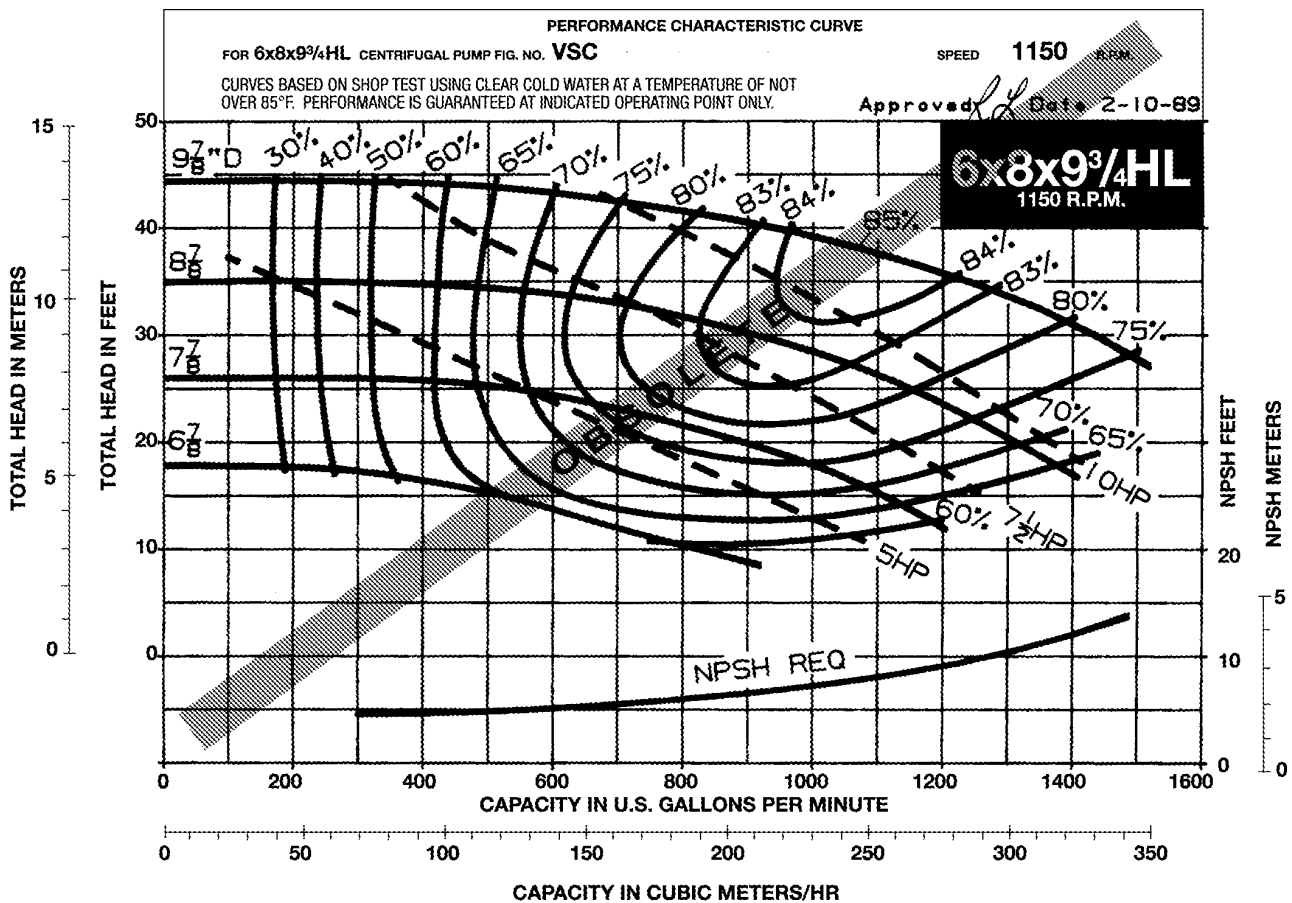
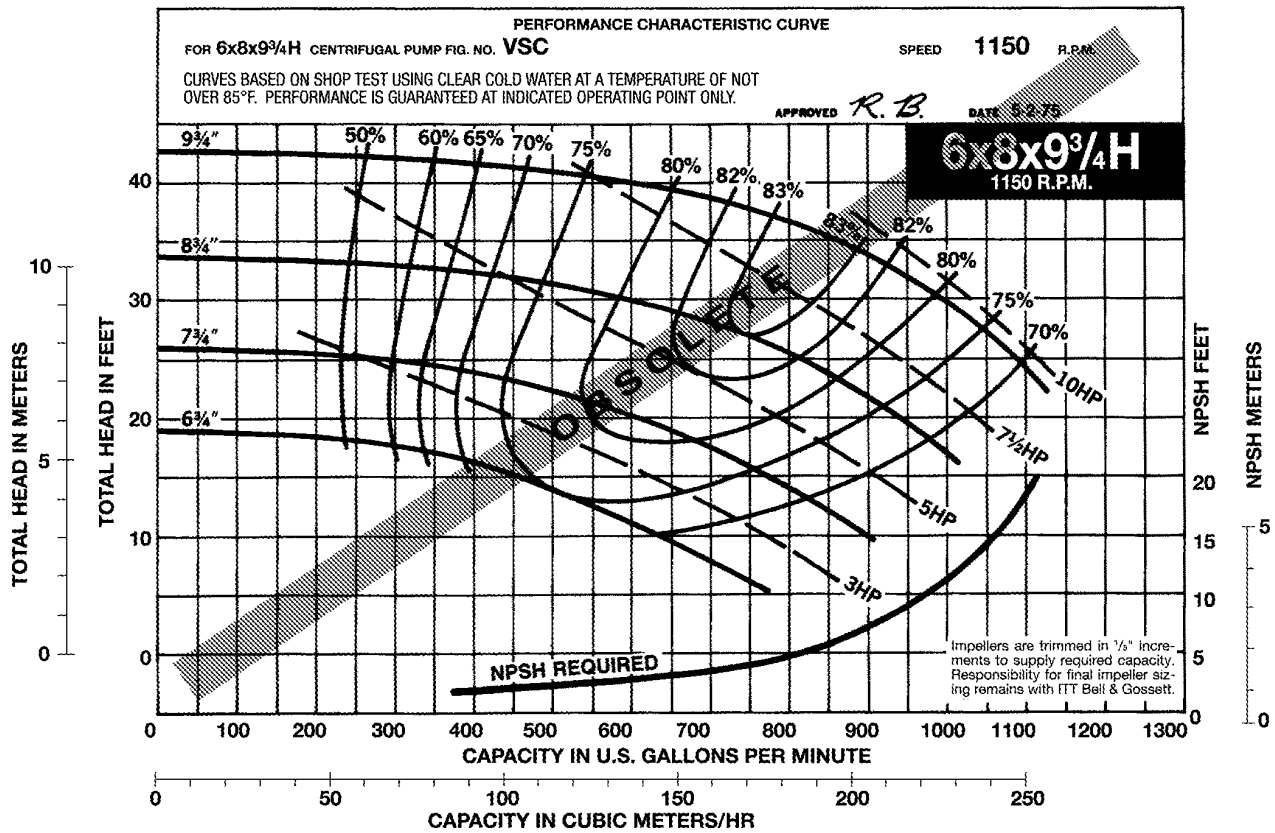
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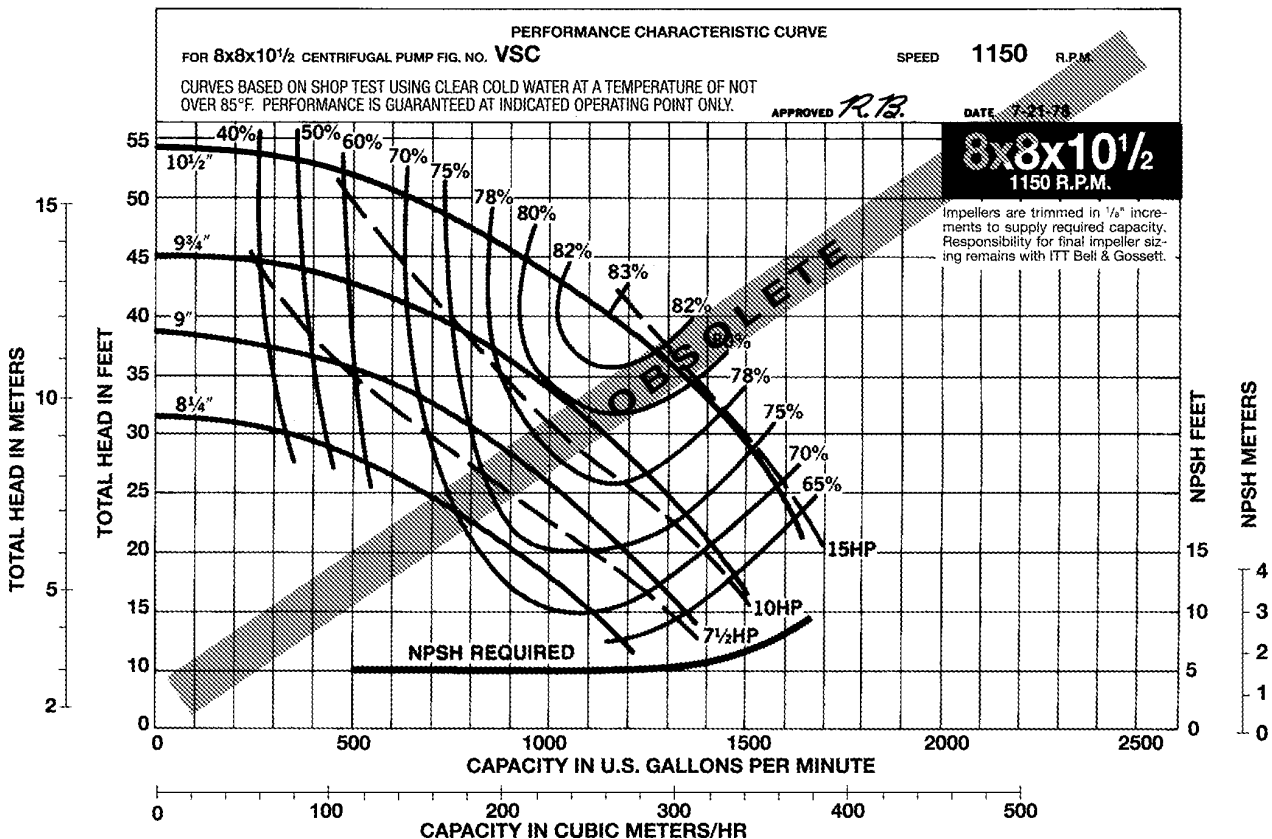
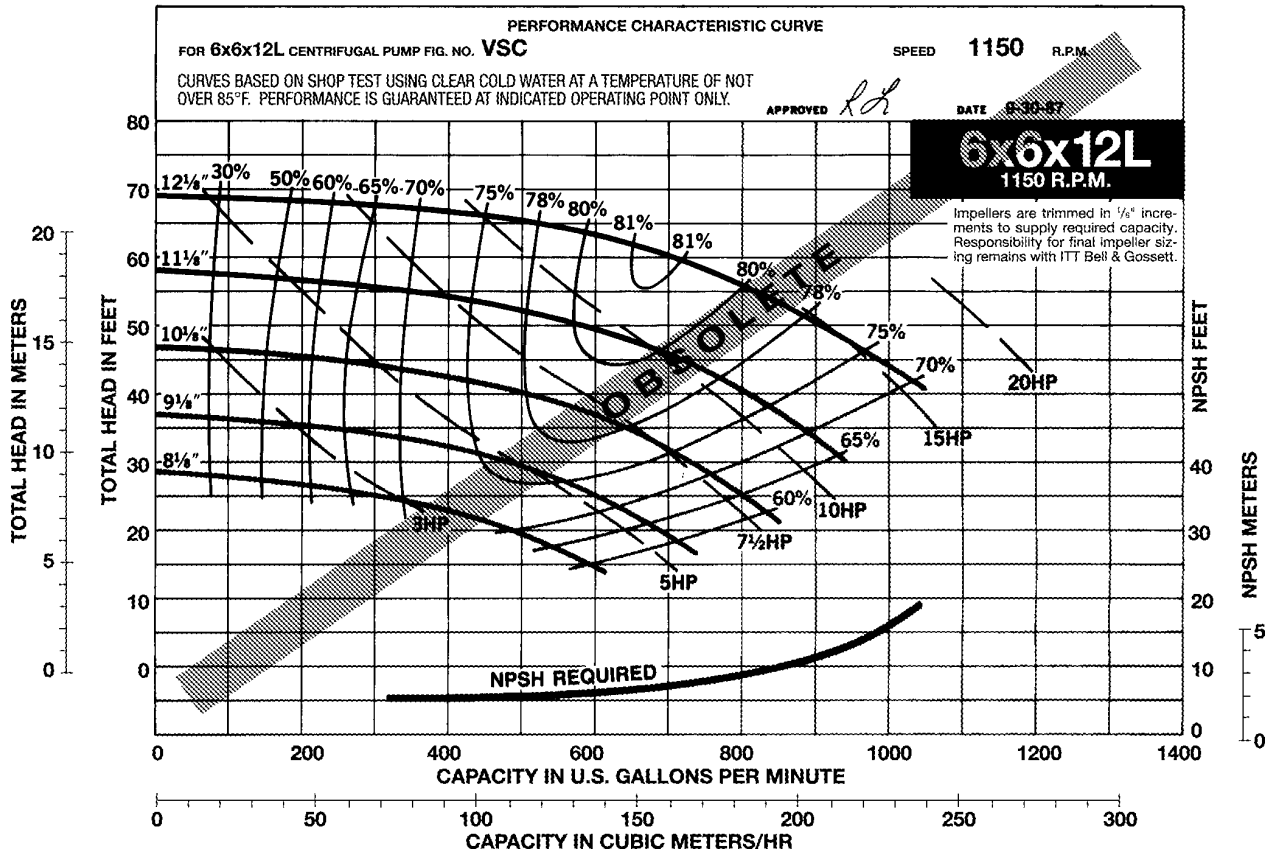


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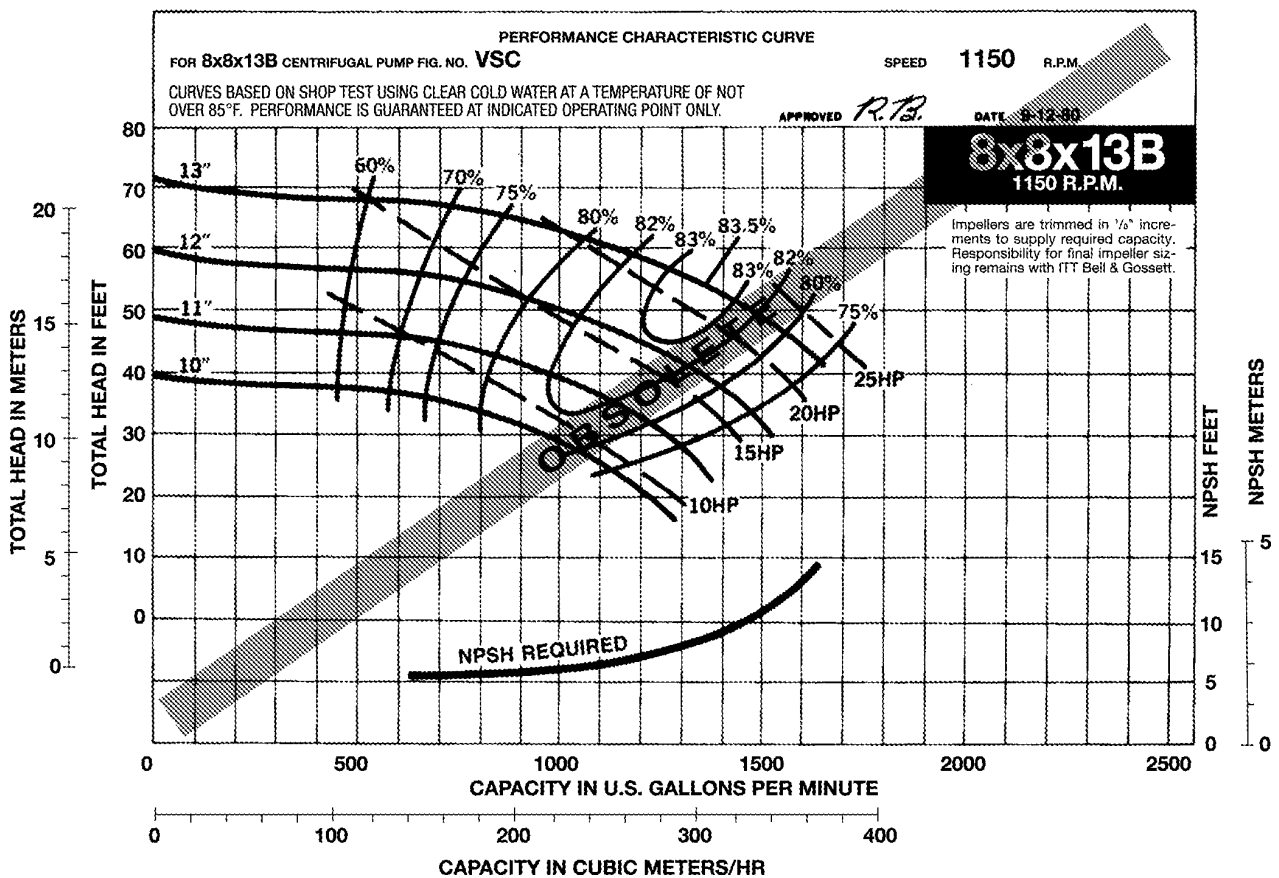
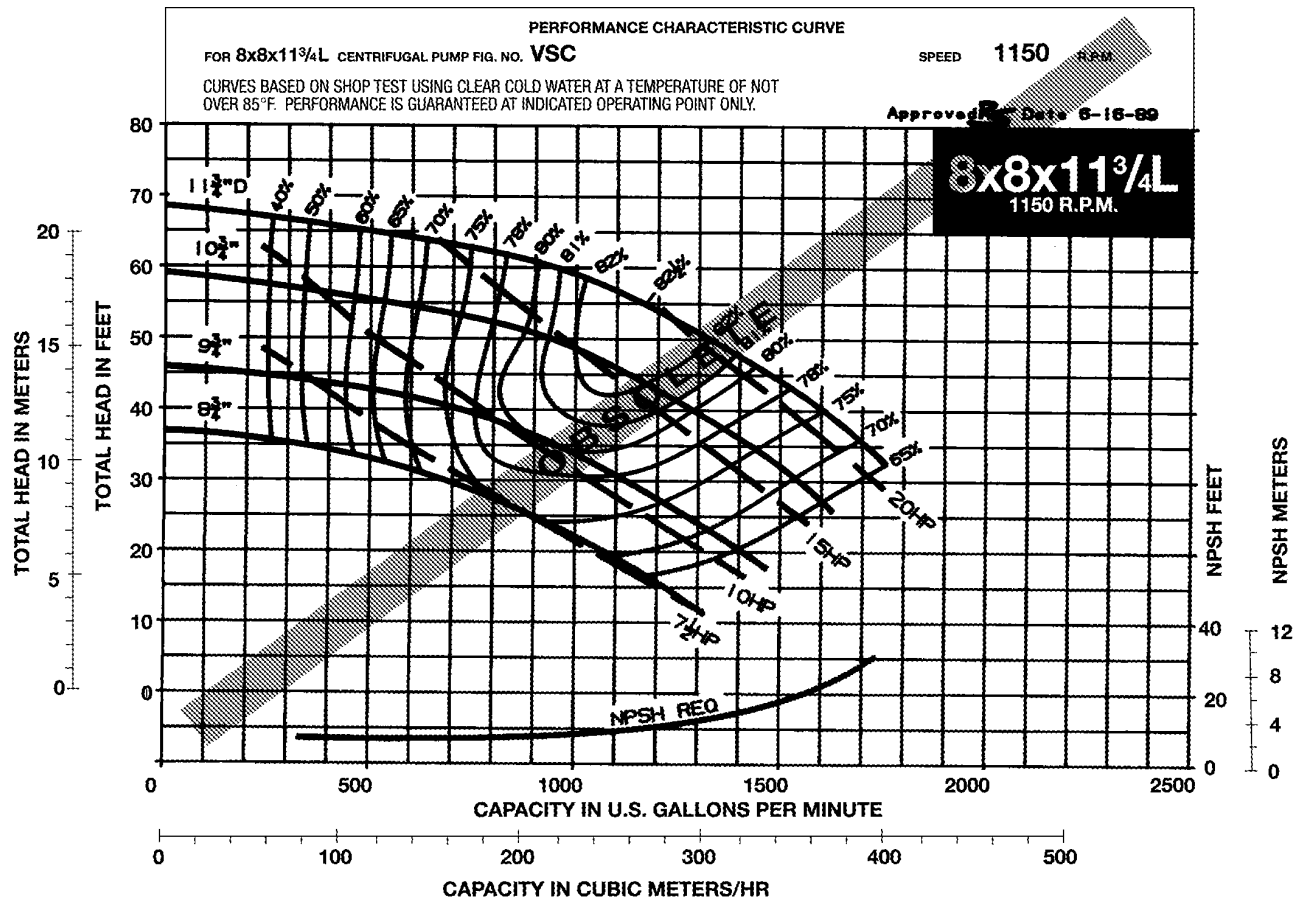


1150 RPM PUMP CURVES



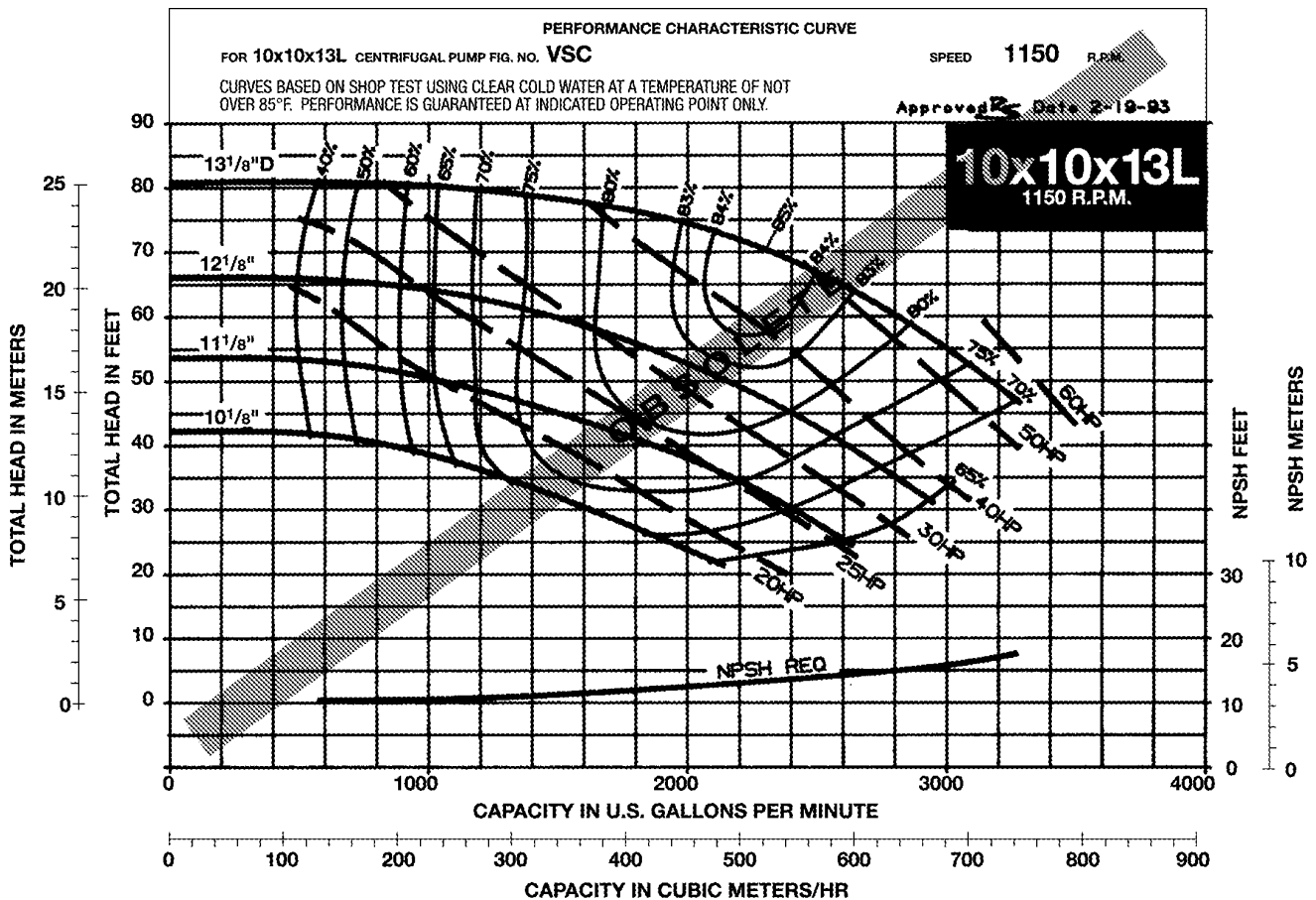
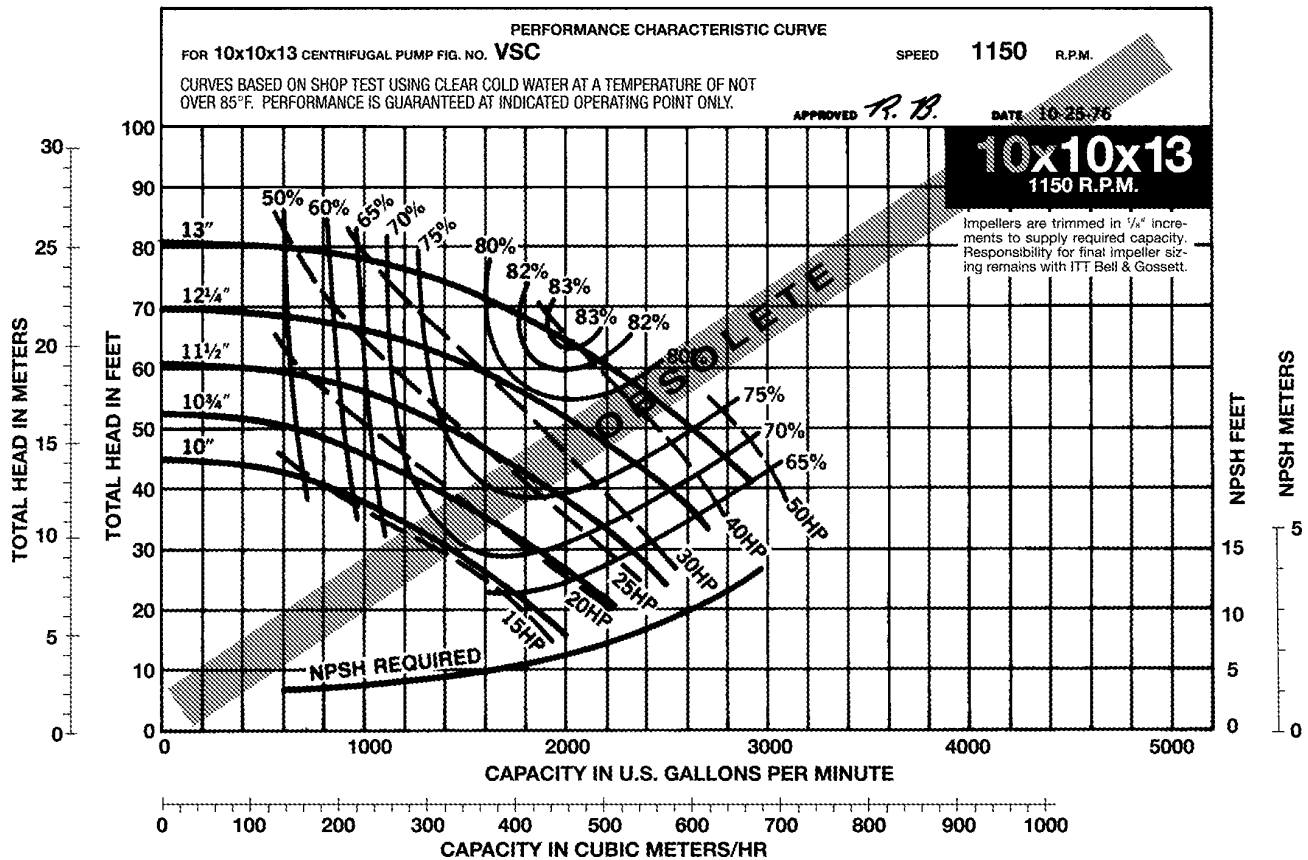
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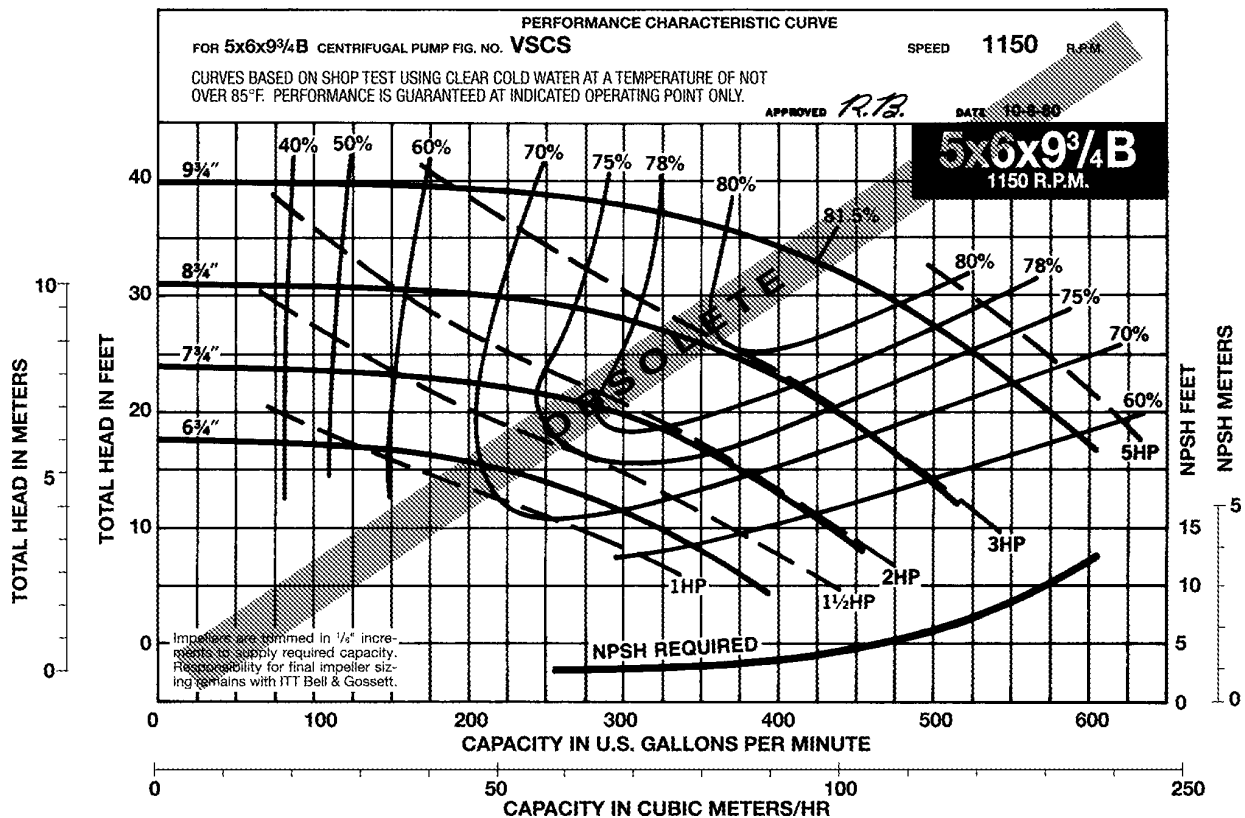
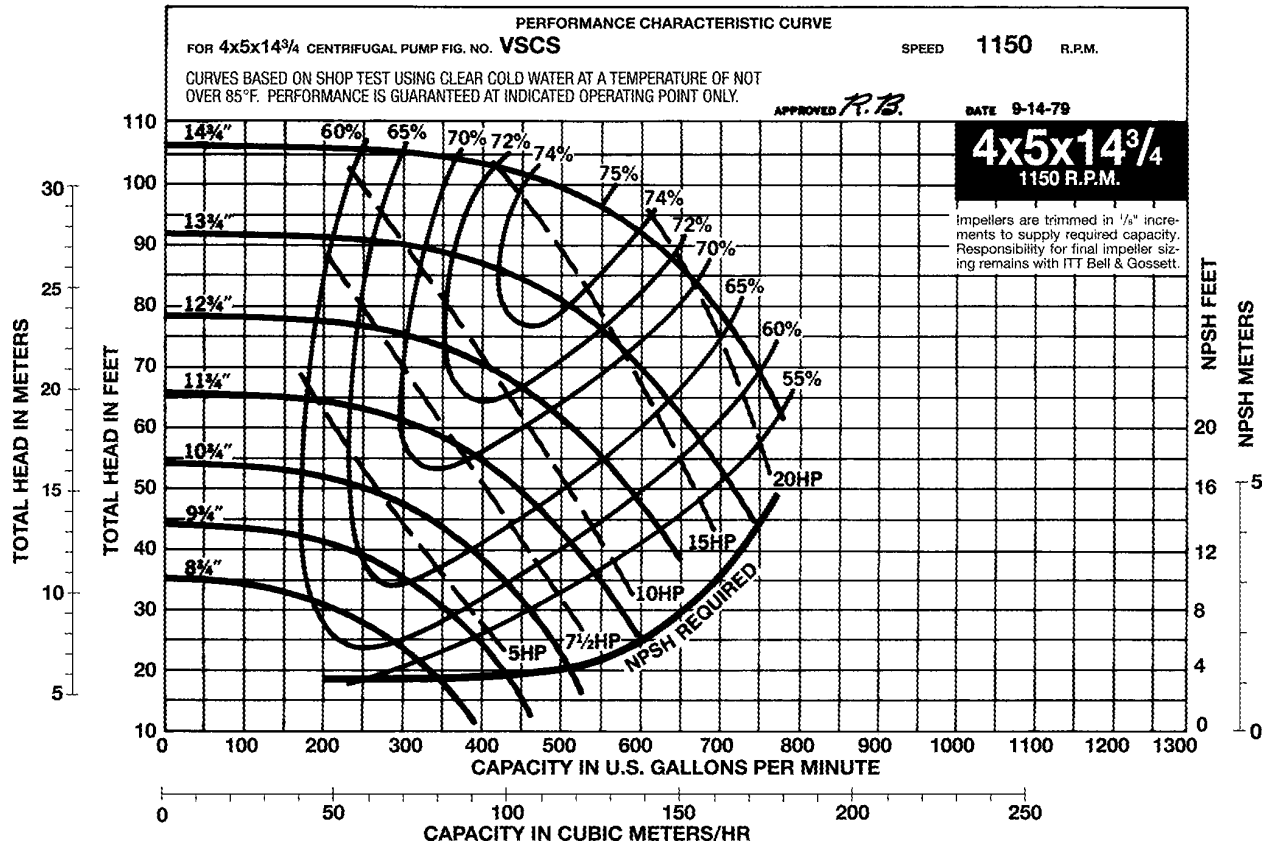
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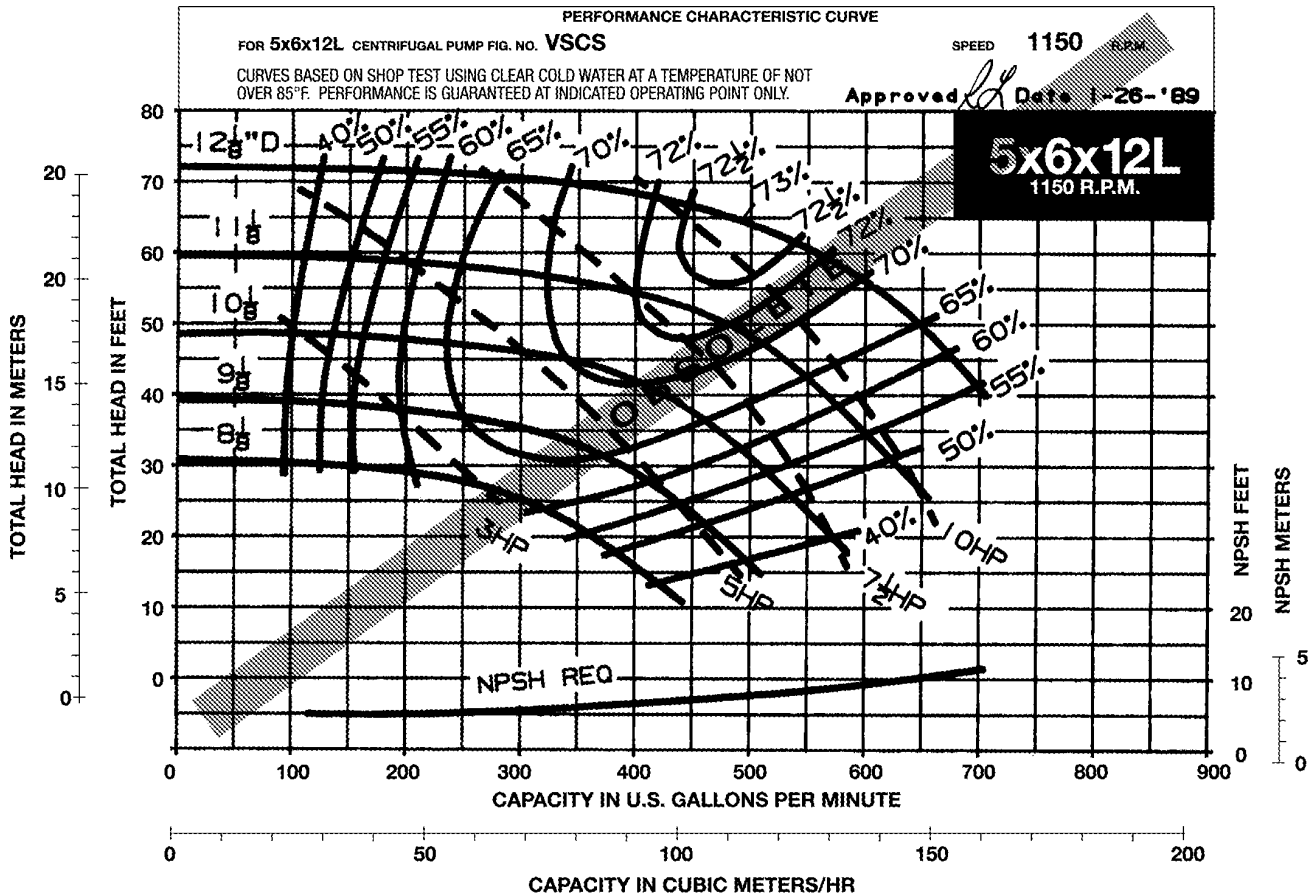
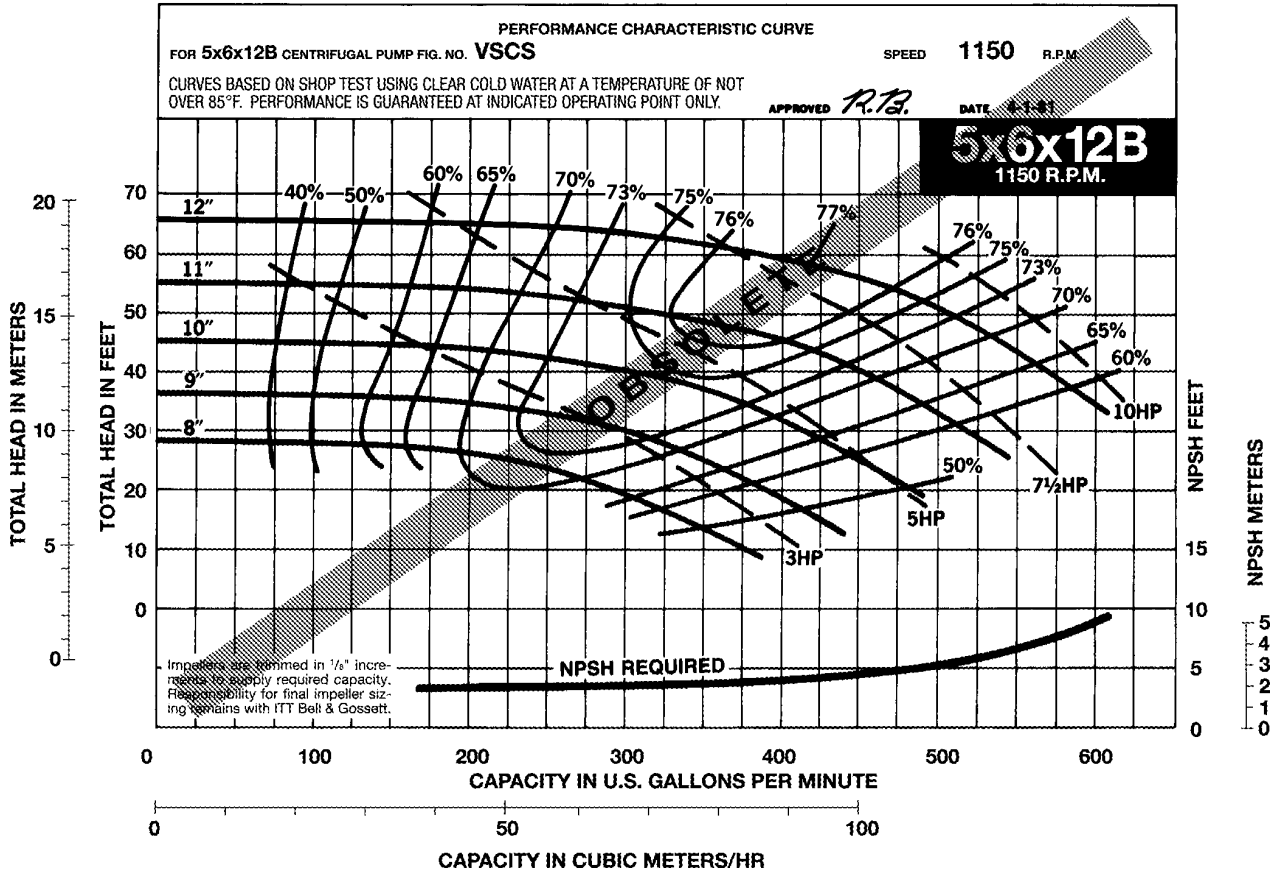
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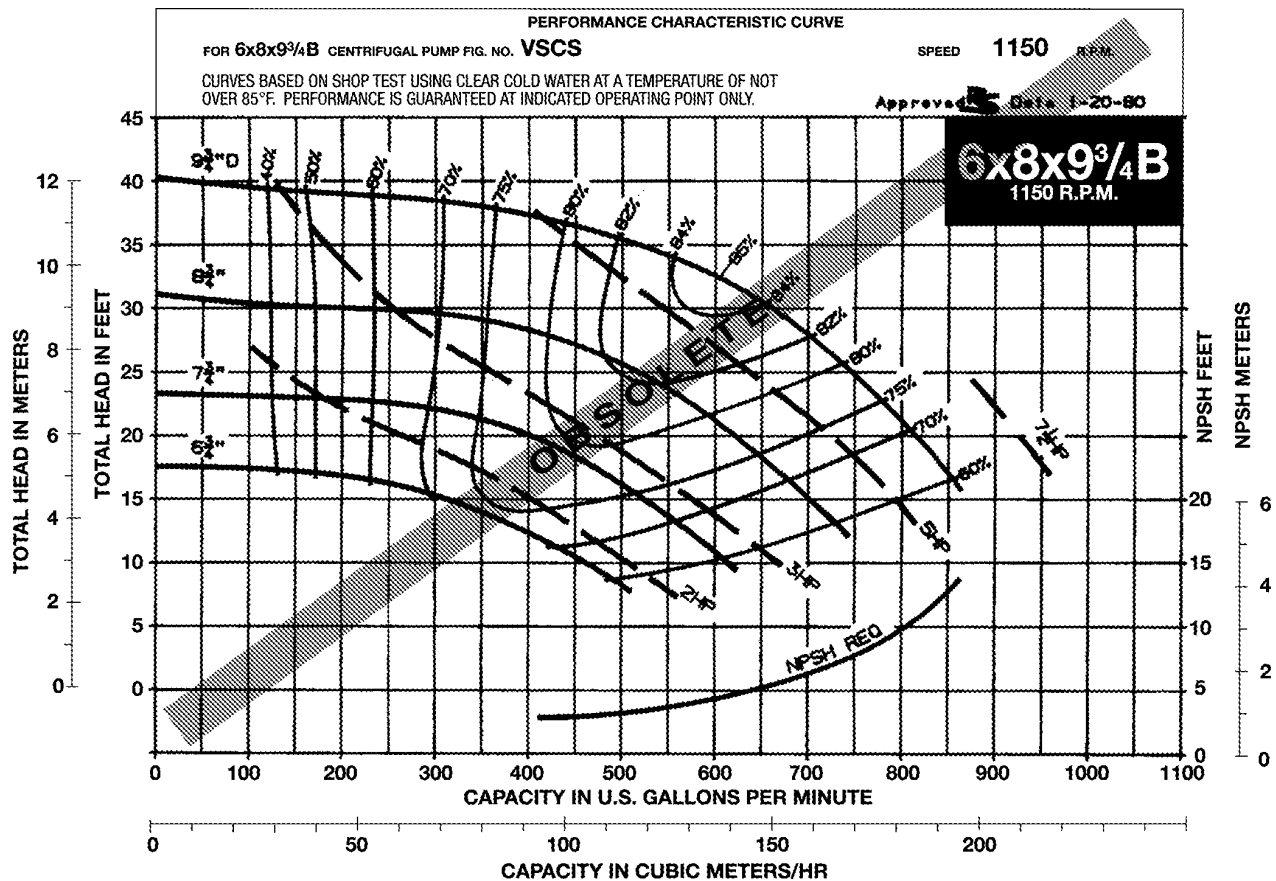
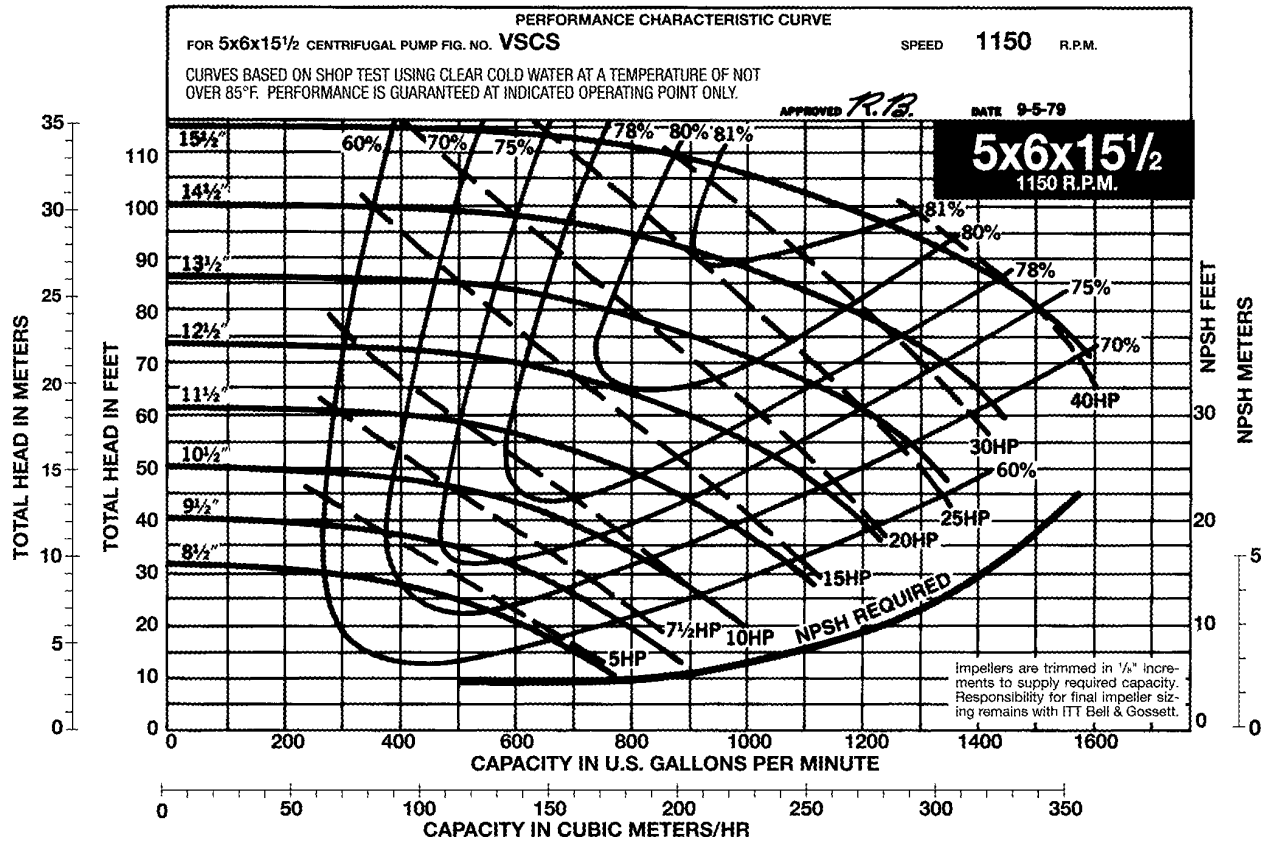
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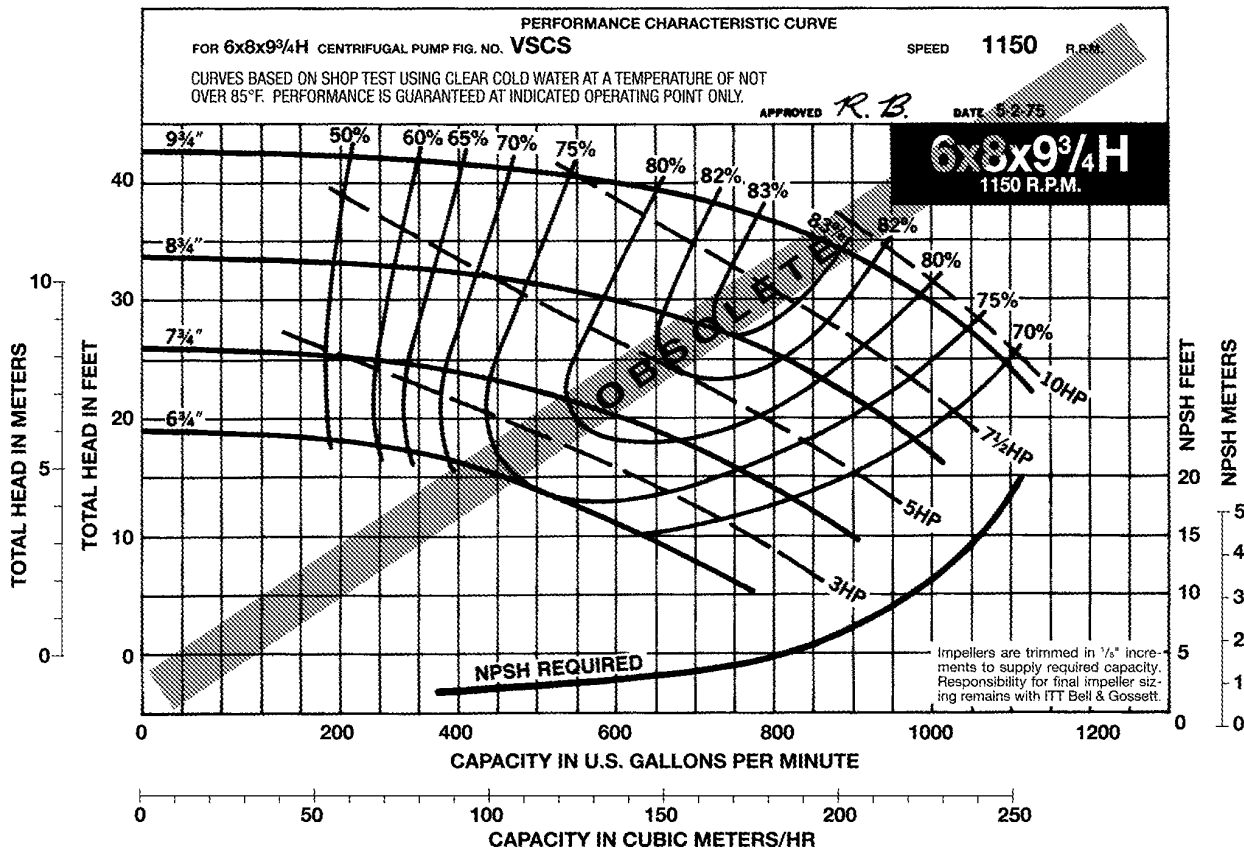
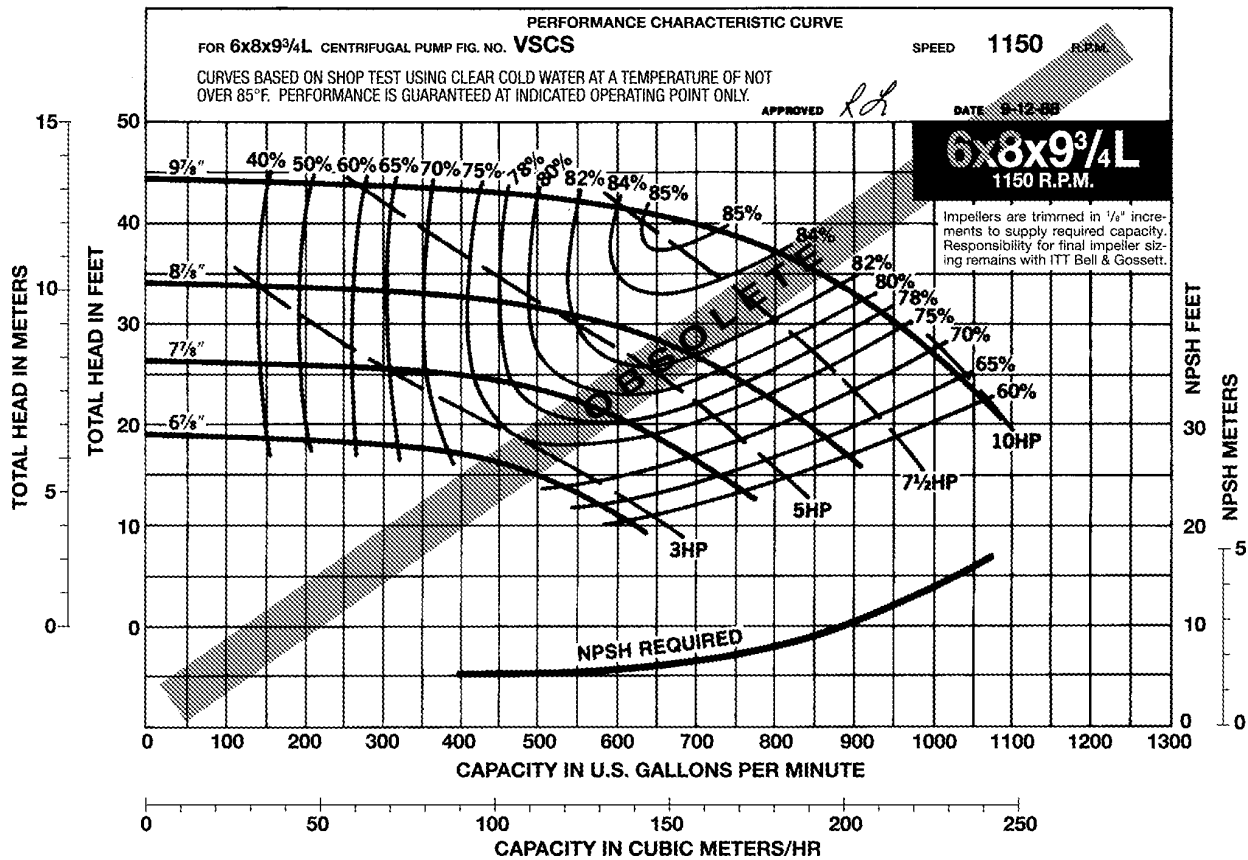


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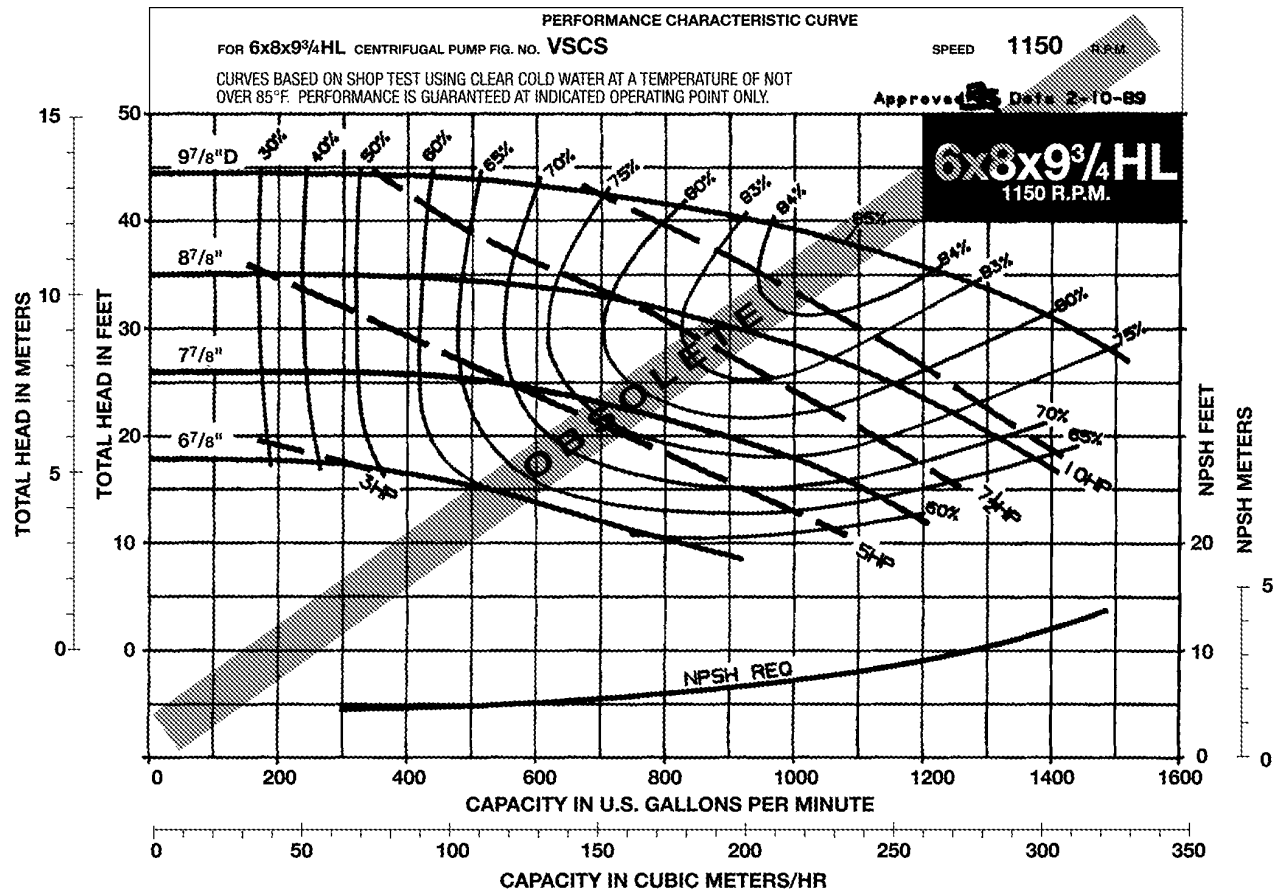
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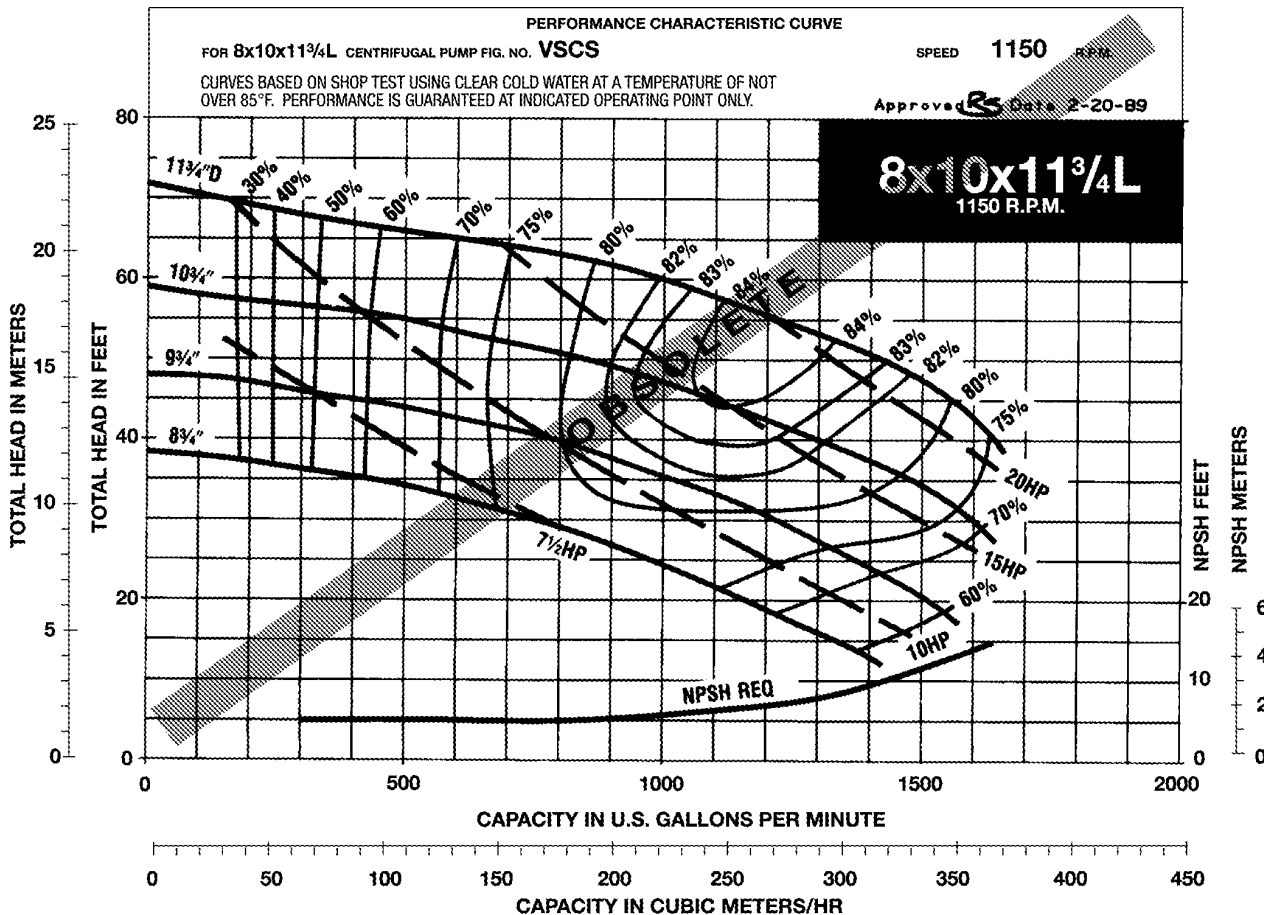
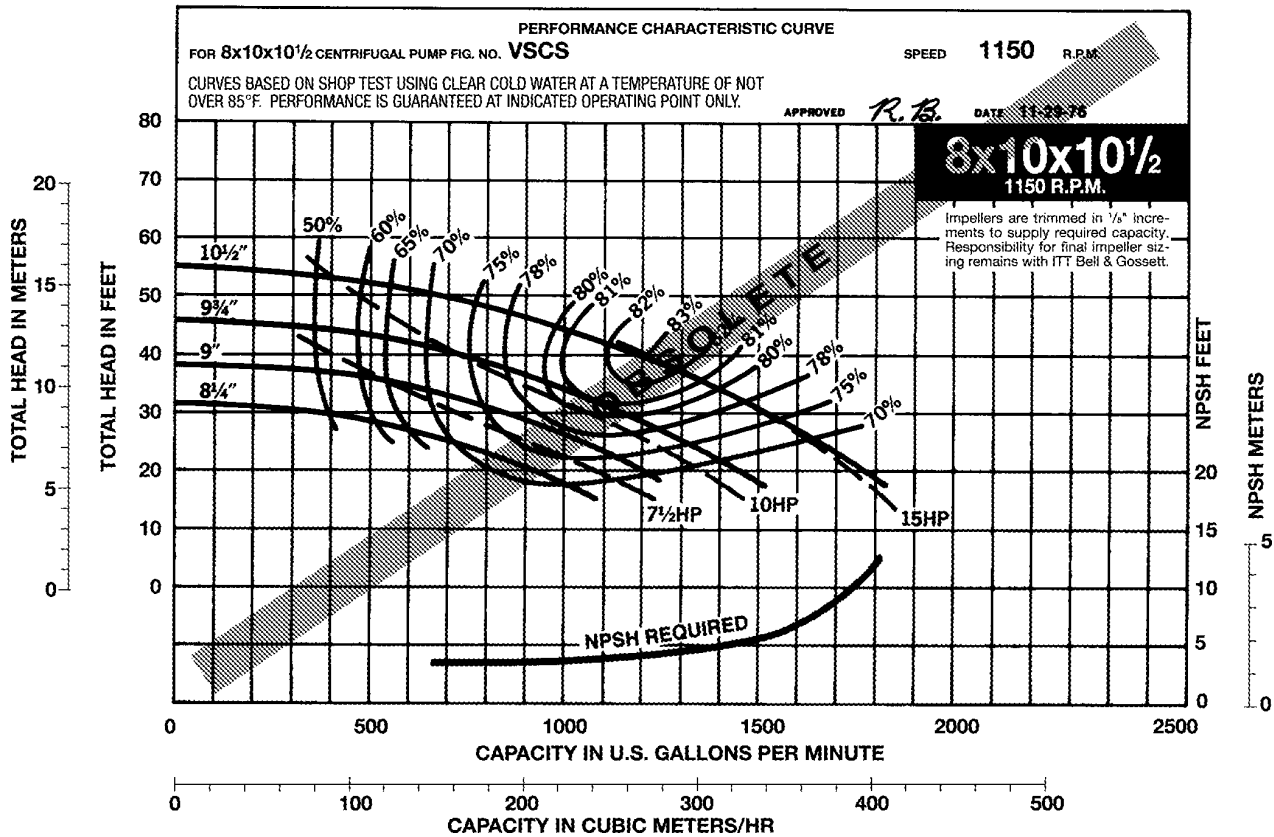
(CURVE CHARTS WITH LINE THROUGH ARE OBSOLETE - SEE VSX CURVE BOOKLET)

1150 RPM PUMP CURVES

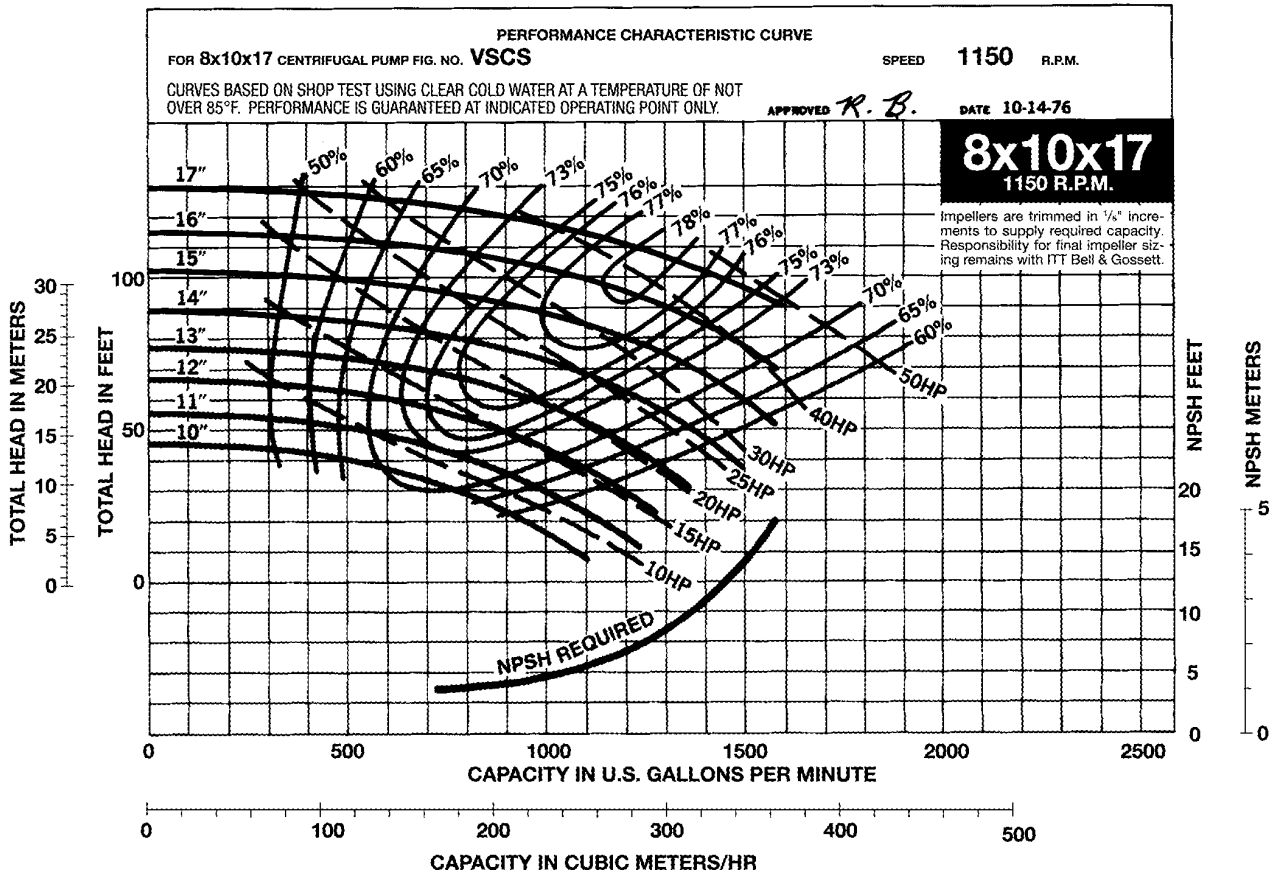
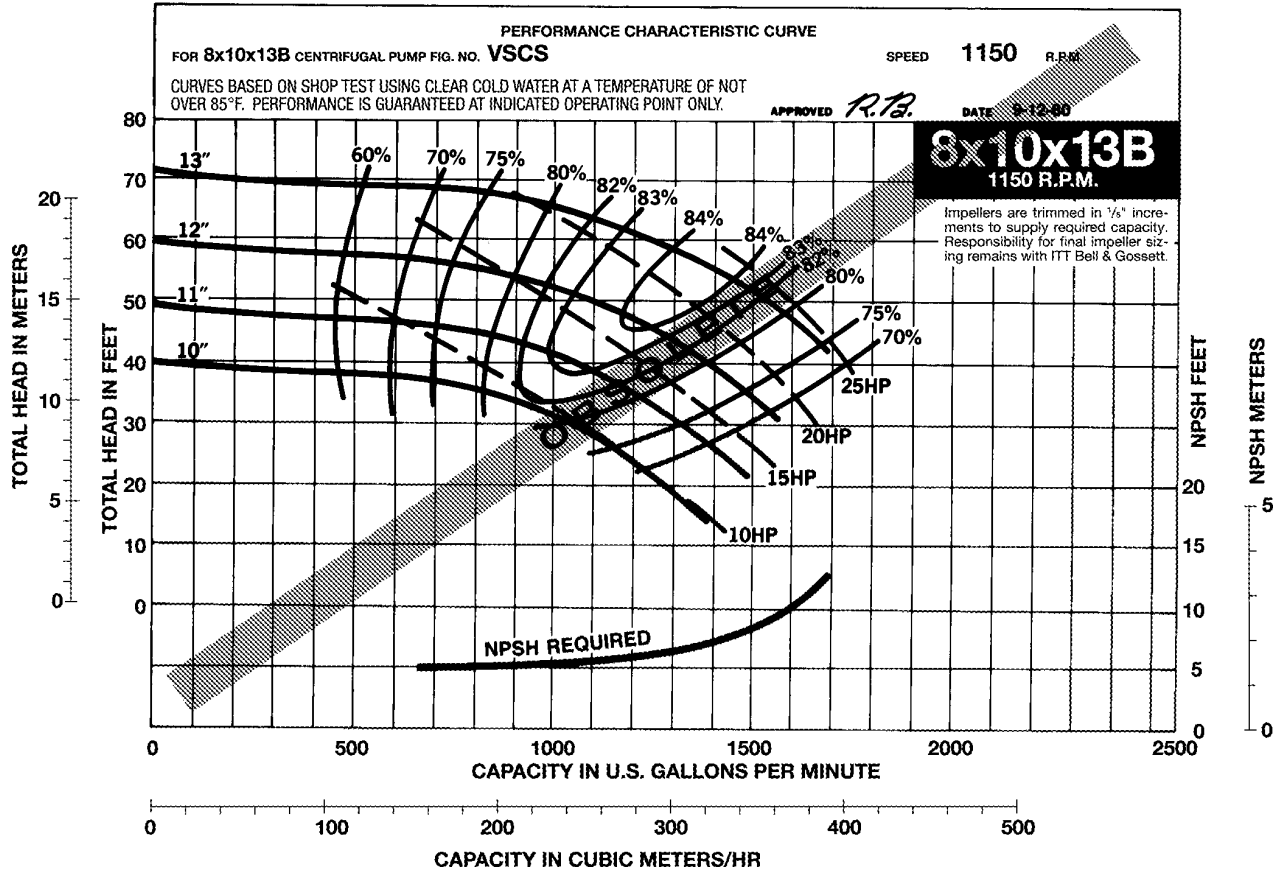


1150 RPM PUMP CURVES

(CURVE CHARTS WITH LINE THROUGH ARE OBSOLETE - SEE VSX CURVE BOOKLET)

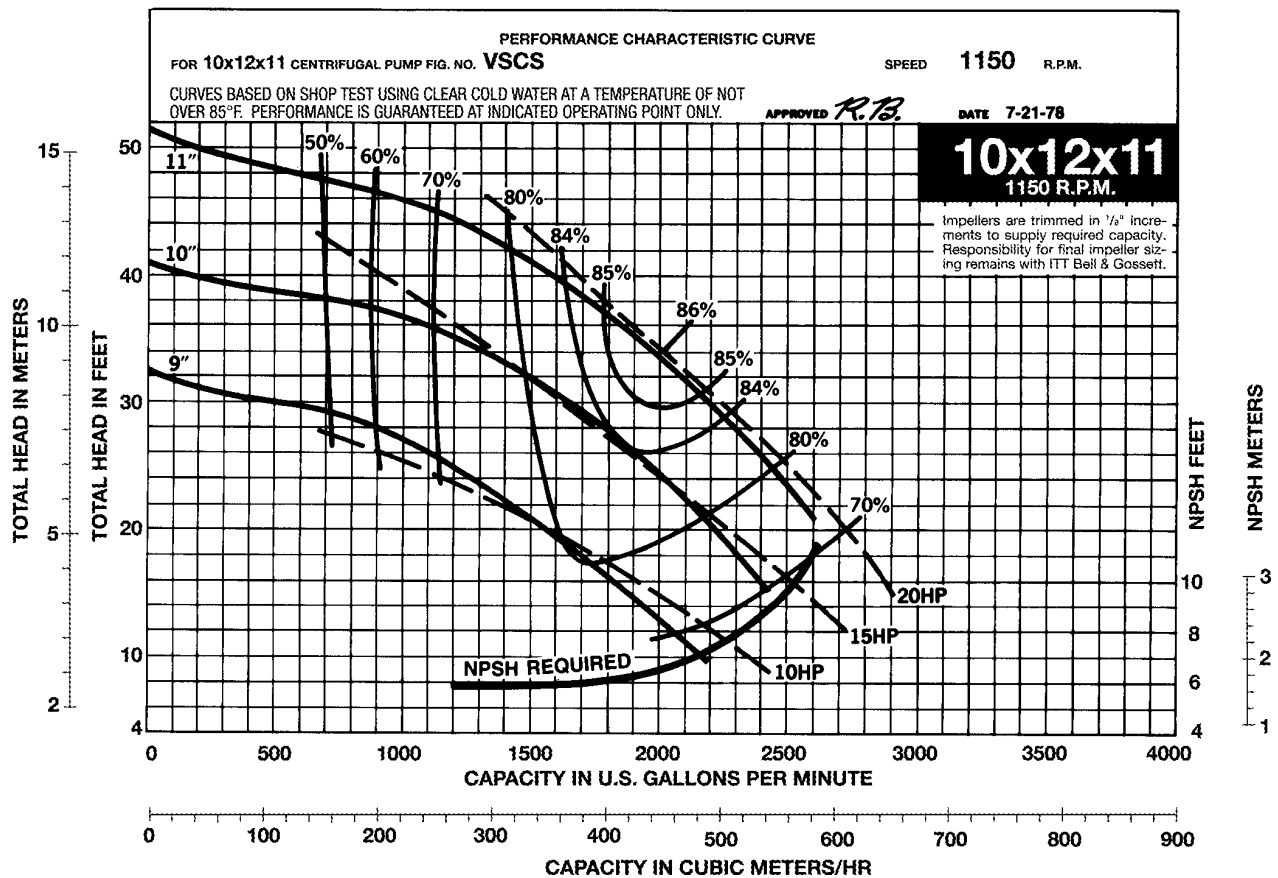
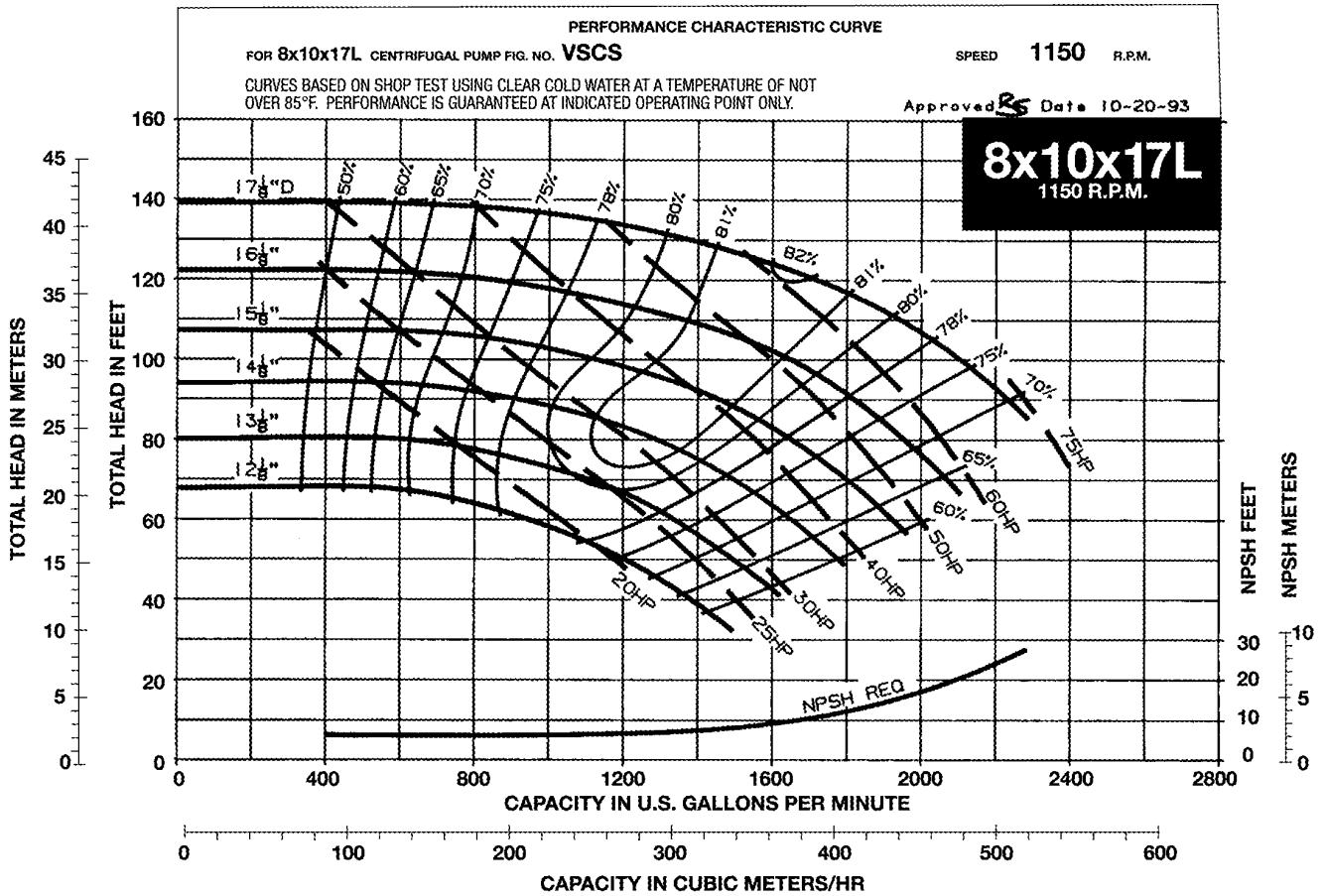


1150 RPM PUMP CURVES

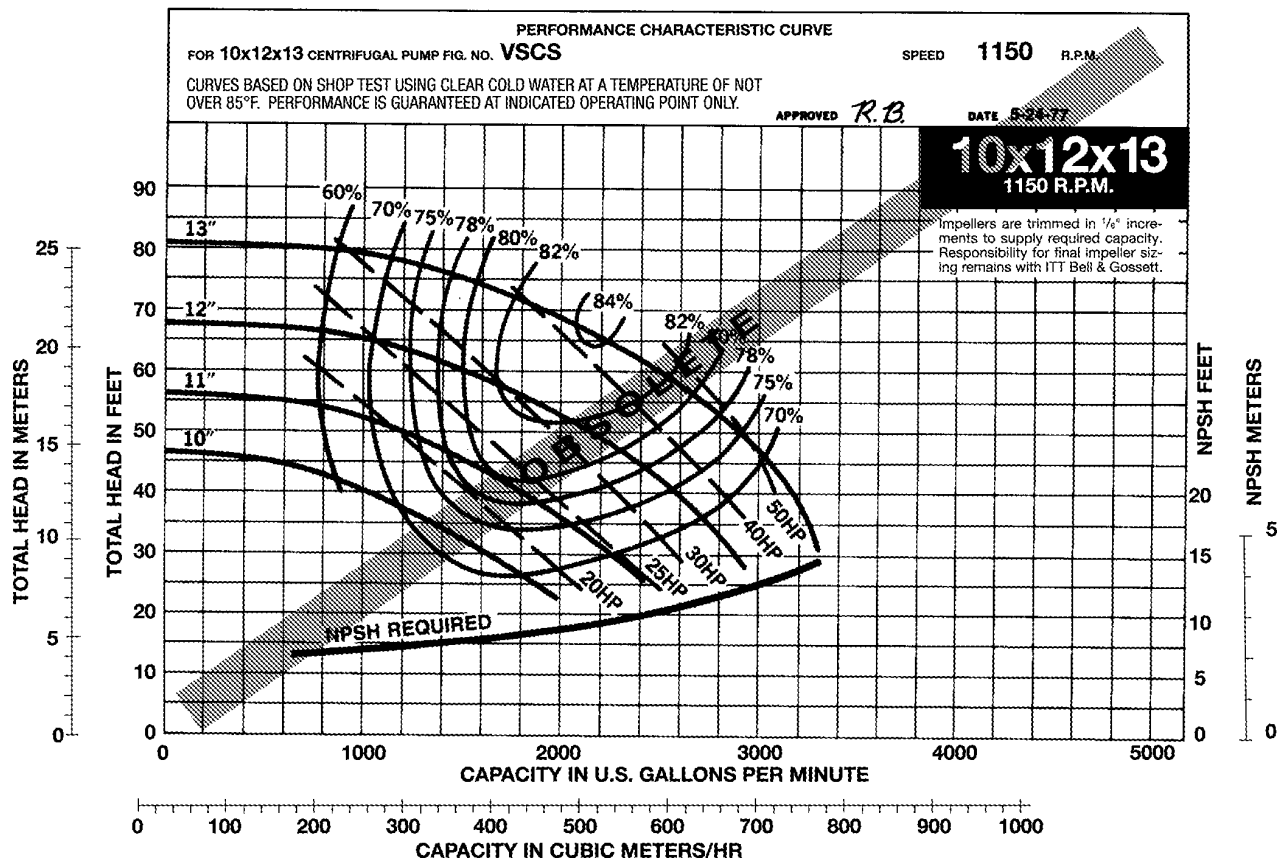
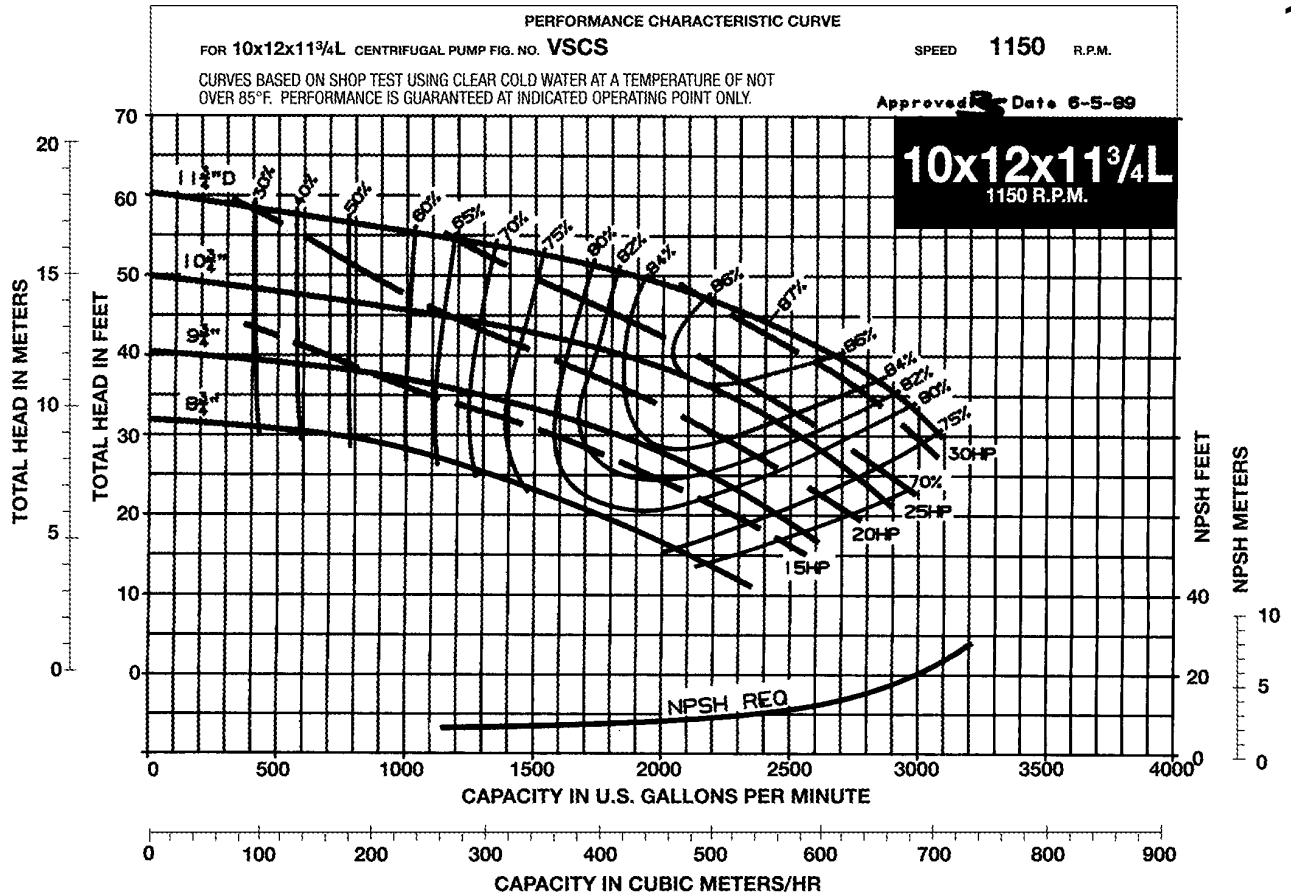


(CURVE CHARTS WITH LINE THROUGH ARE OBSOLETE - SEE VSX CURVE BOOKLET)

1150 RPM PUMP CURVES

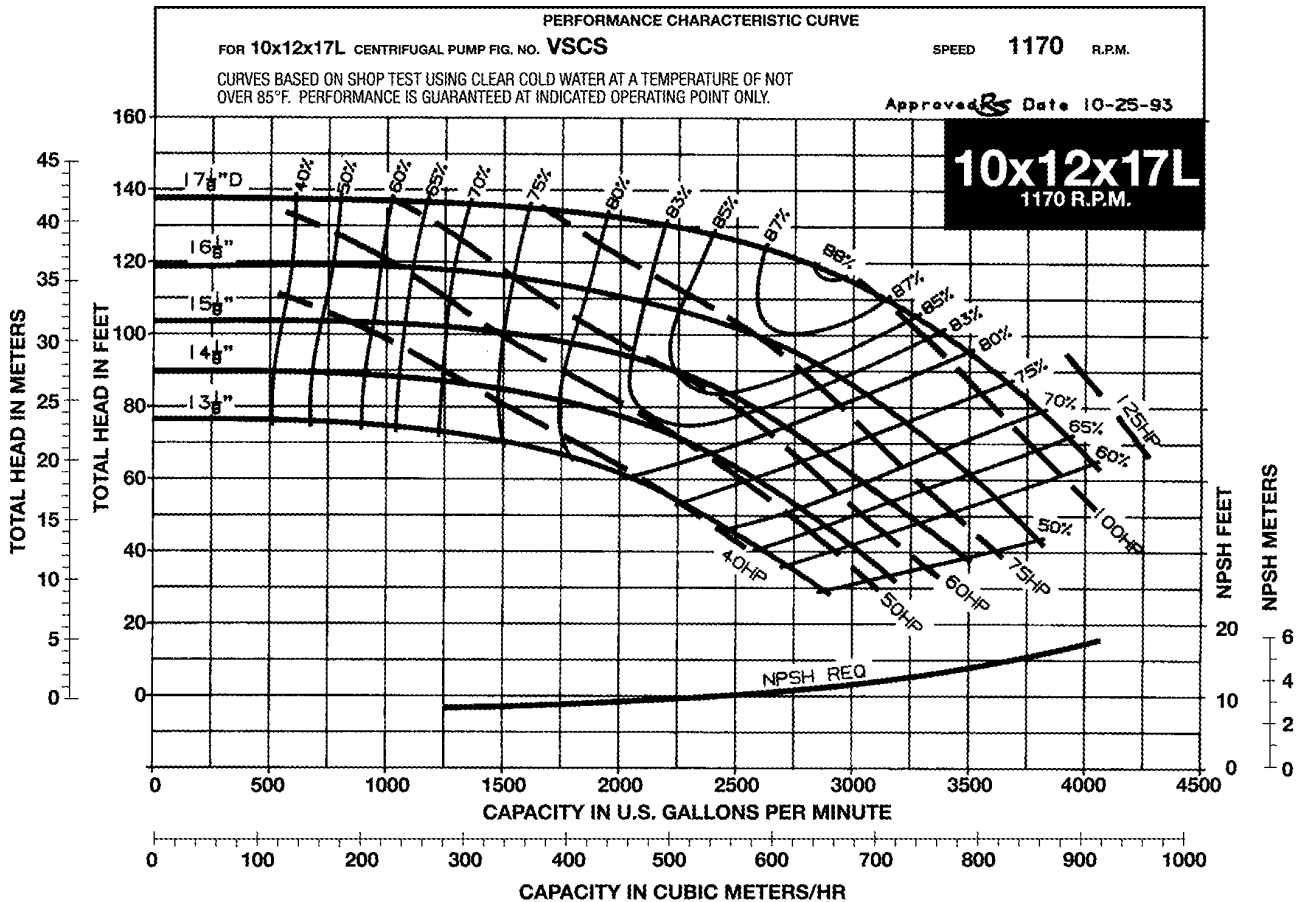
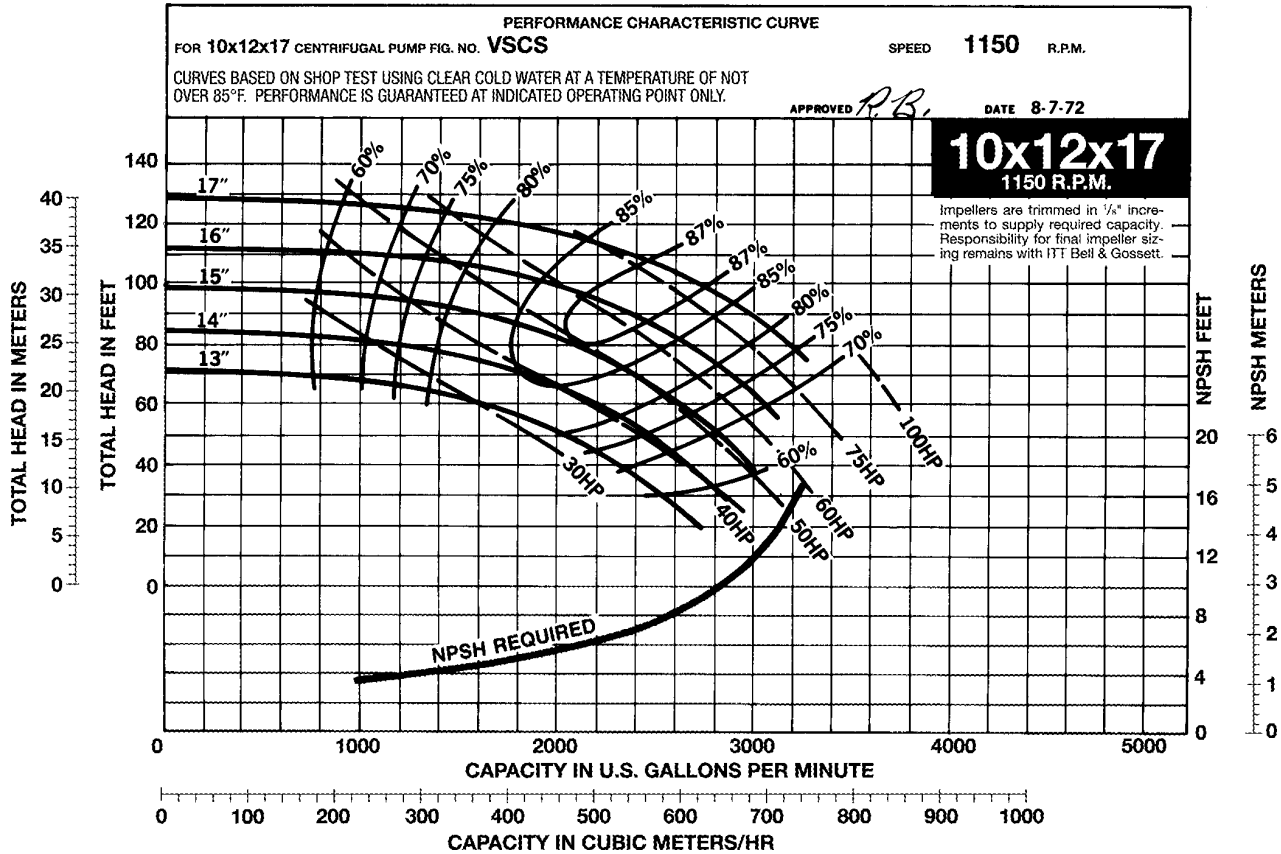


1150 RPM PUMP CURVES



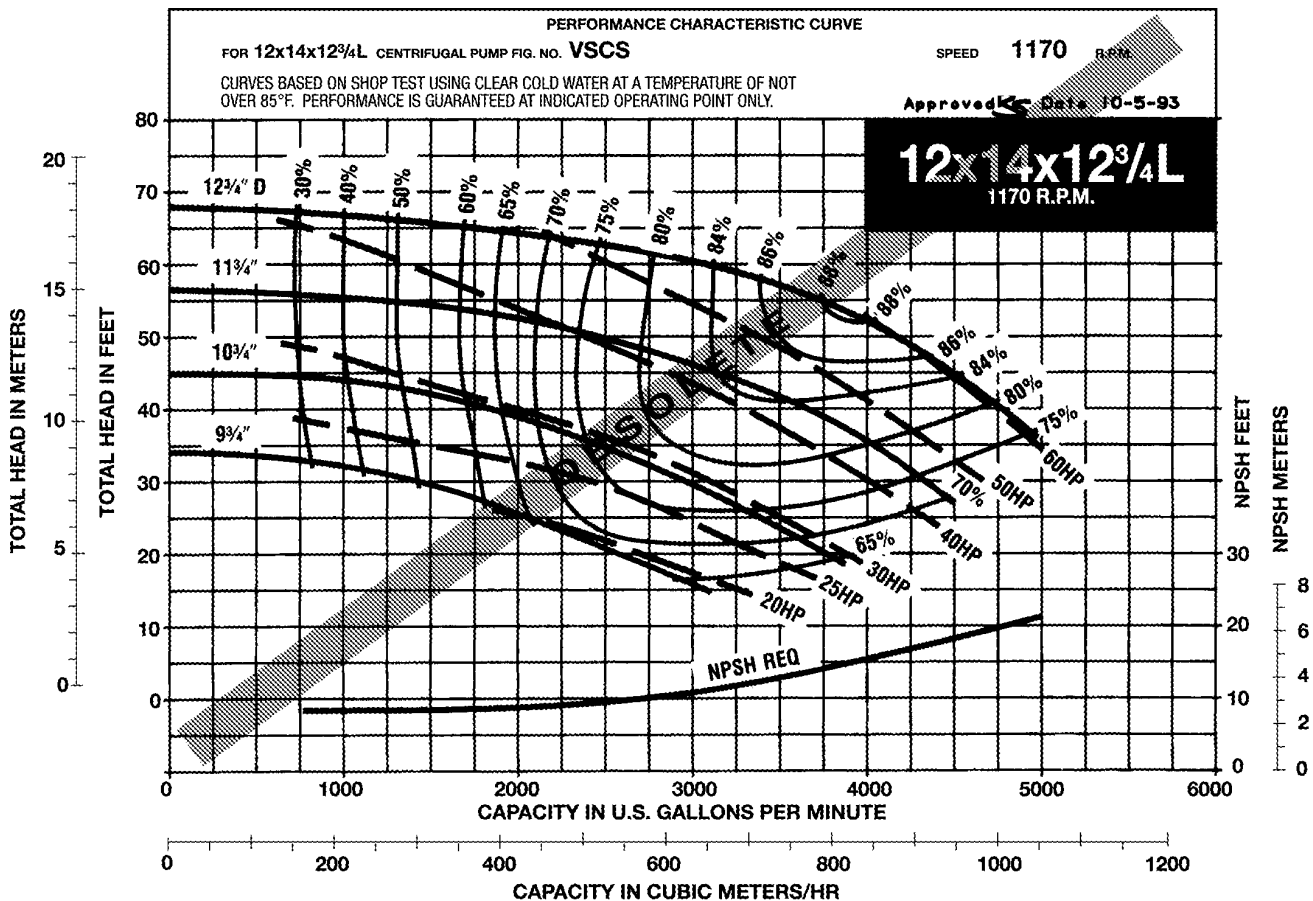
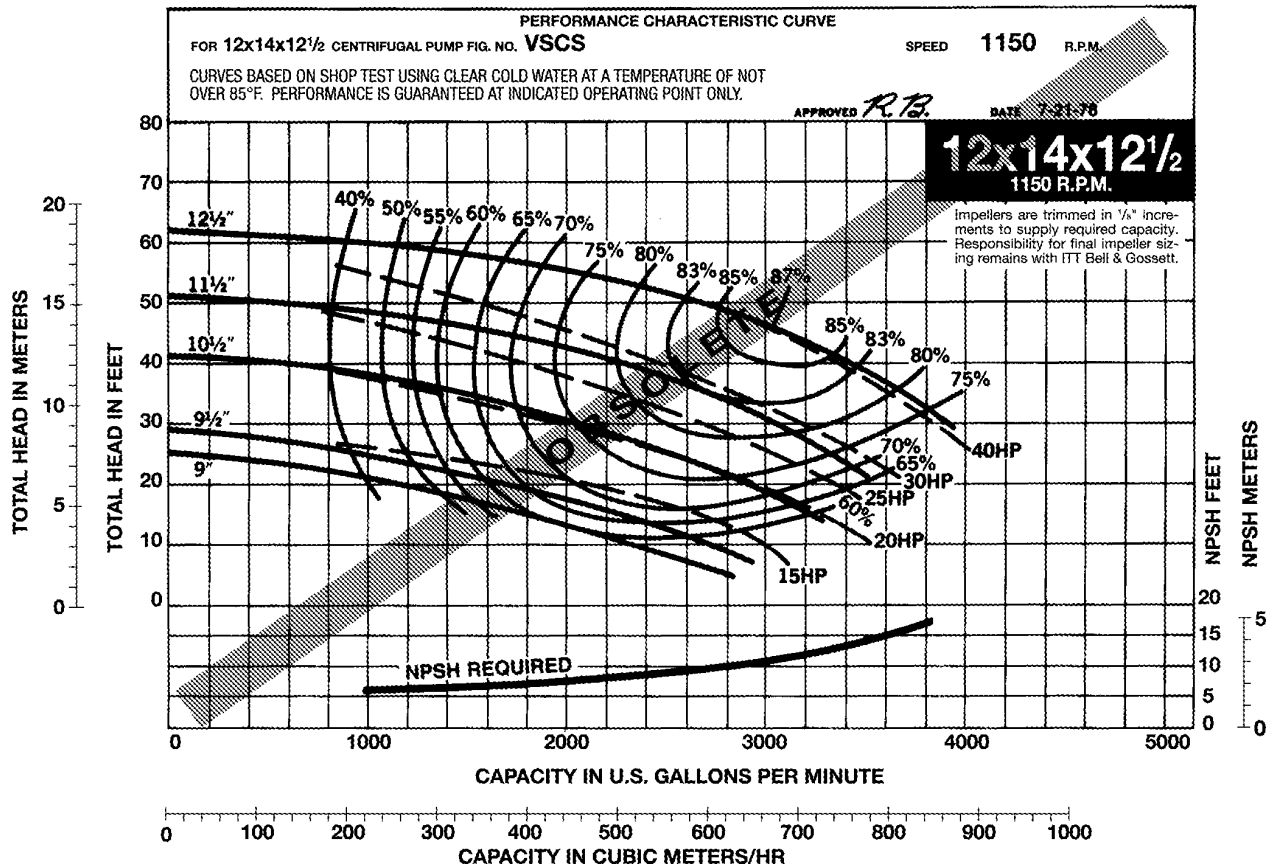
(CURVE CHARTS WITH LINE THROUGH ARE OBSOLETE - SEE VSX CURVE BOOKLET)

1150 RPM PUMP CURVES

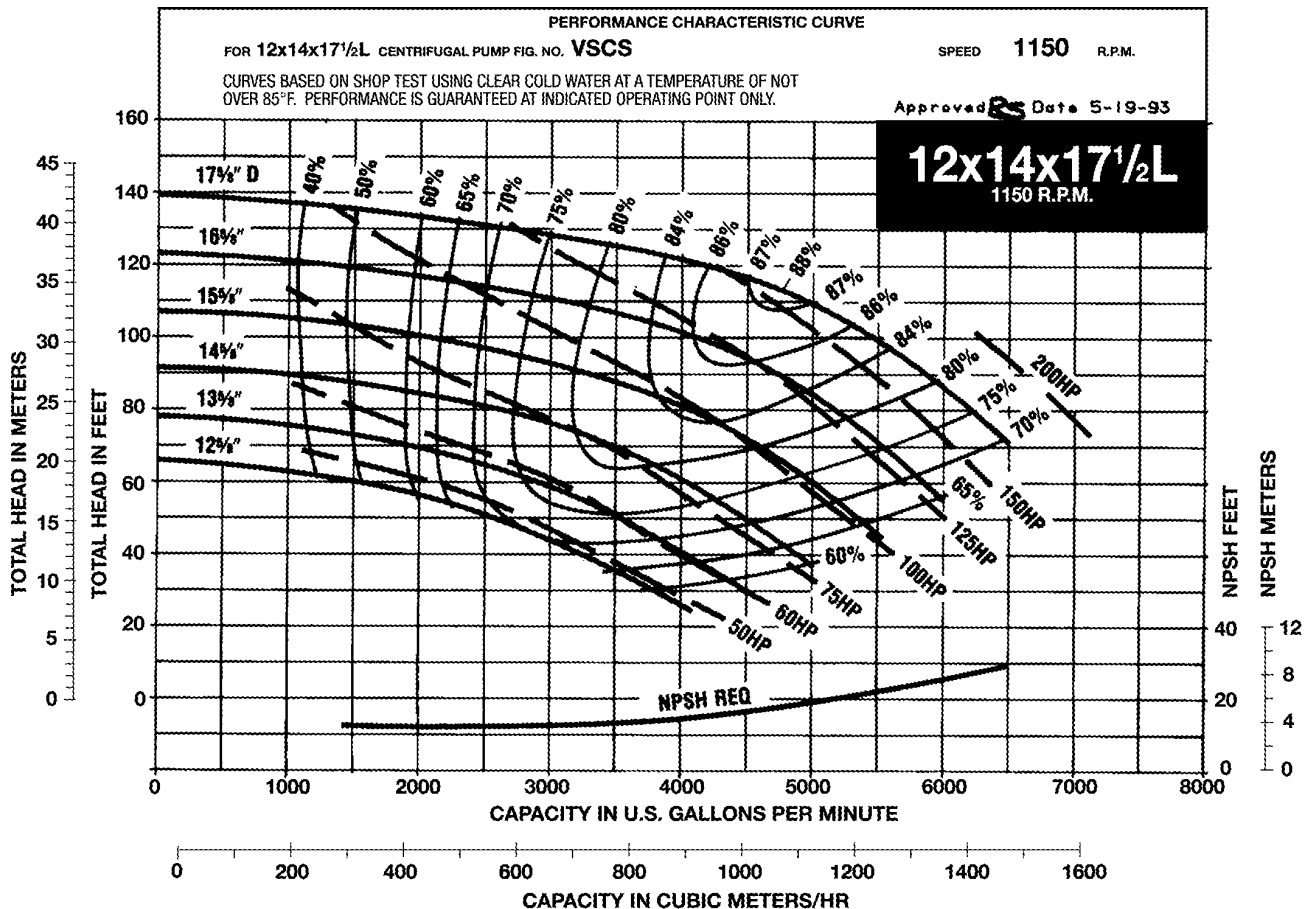
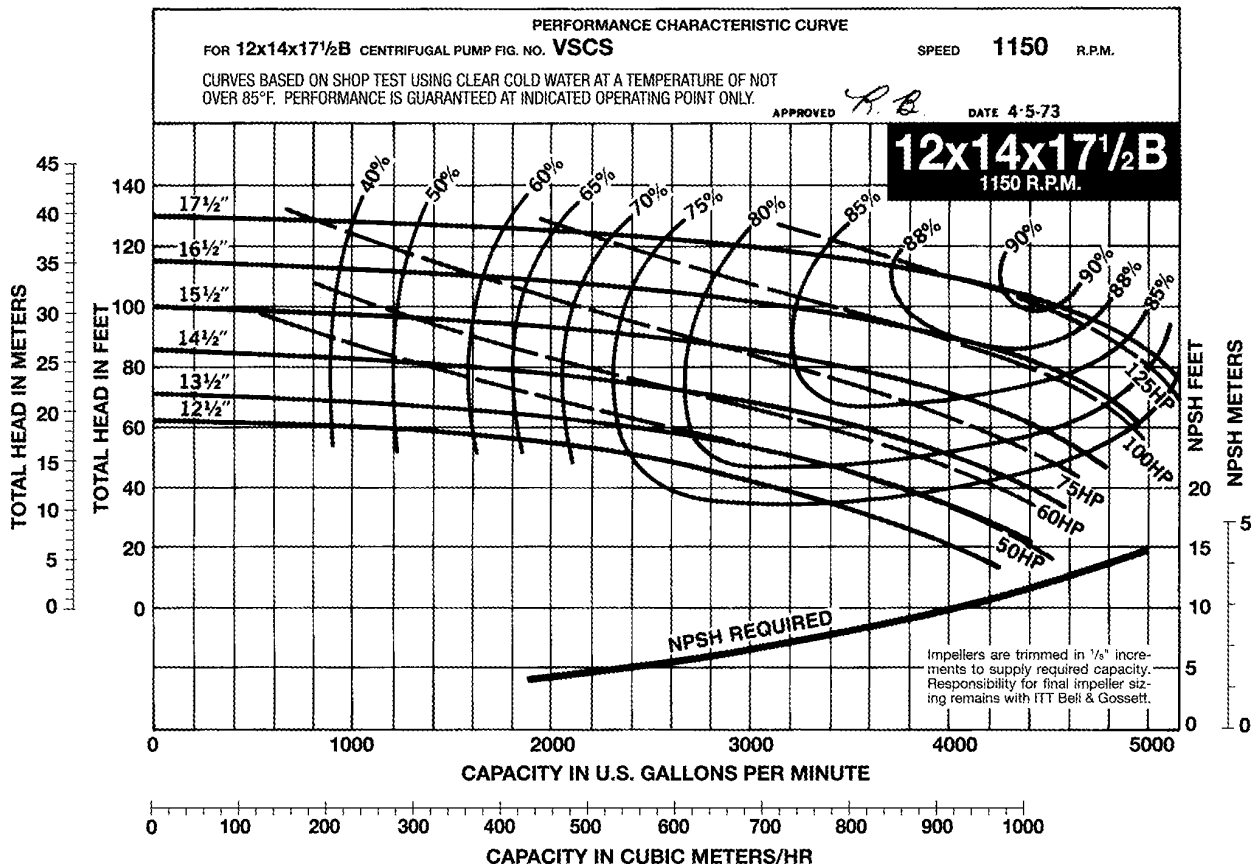


1150 RPM PUMP CURVES

(CURVE CHARTS WITH LINE THROUGH ARE OBSOLETE - SEE VSX CURVE BOOKLET)



1150 RPM PUMP CURVES



Dimensions

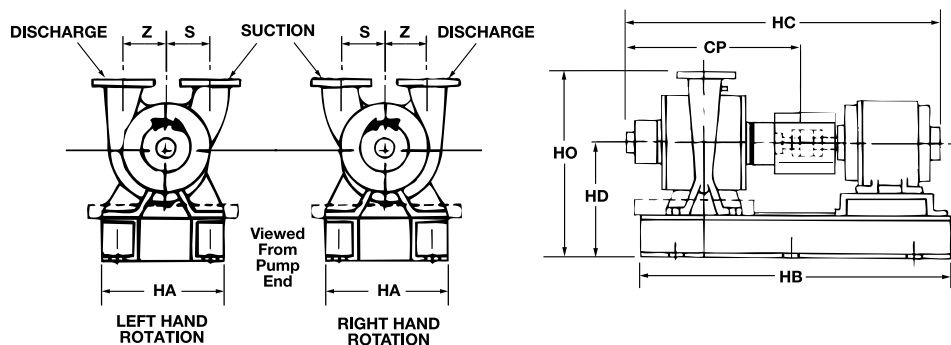
MAXIMUM WORKING PRESSURE: 175 PSI*

Dimensions subject to change without notice. Do not use for construction purposes.

NOTE: Flanges are 125# ANSI Standard.

*300 PSI working pressure with 250 ANSI flanges optionally available with standard mechanical seal if suction pressure is below 160 psig or with -S mechanical seal for higher suction pressures.

Right hand rotation is furnished unless otherwise specified.



PUMP SIZE	MOTOR FRAME	STANDARD MECHANICAL SEAL CONSTRUCTION PUMP MODEL VSC, VSC-F								STUFFING BOX CONSTRUCTION VSC-PF, VSC-S & VSC-D										
		DIMENSIONS IN INCHES (MM)								DIMENSIONS IN INCHES (MM)										
		CP	HA	HB	HC MAX.	HD	HO	S	Z	CP	HA	HB	HC MAX.	HD	HO	S	Z			
4x4x9 1/4L	182T-184T	19(483)	19 1/2(495)	38 1/4(972)	40 1/8(1019)	13 1/4(337)	22 3/4(578)	6(152)	6(152)	25 1/4(641)	19 1/2(495)	38 1/4(972)	46 3/8(1178)	13 1/4(337)	22 3/4(578)	6(152)	6(152)			
	213T-215T			43 3/8(1102)	43 3/8(1102)							49 5/8(1260)	43 3/8(1102)					49 5/8(1260)		
	254T-256T			49 5/8(1260)	49 5/8(1260)							54 3/8(1381)	49 5/8(1260)					49 5/8(1260)		
4x4x9 1/4L 3500 RPM	254T-256T	19(483)	19 1/2(495)	43 3/8(1102)	49 7/8(1267)	13 1/4(337)	22 3/4(578)	6(152)	6(152)	25 1/4(641)	19 1/2(495)	49 5/8(1260)	56 1/8(1426)	13 1/4(337)	22 3/4(578)	6(152)	6(152)			
	284TS-286TS			50 3/4(1289)	57(1448)															
	324TS-326TS			54 1/8(1375)	14 1/4(362)							23 3/4(603)	60 3/8(1534)					14 1/4(362)	23 3/4(603)	
	364TS-365TS			56 3/8(1432)	15 1/4(387)							24 3/4(629)	62 5/8(1591)					15 1/4(387)	24 3/4(629)	
	404TS			58 3/8(1489)	14(356)							23 1/2(597)	64 7/8(1648)					14(356)	23 1/2(597)	
	444TS			64 1/2(1638)	18(457)							27 1/2(699)	70 3/4(1797)					18(457)	27 1/2(699)	
	444TS			64 1/2(1638)	18(457)							27 1/2(699)	70 3/4(1797)					18(457)	27 1/2(699)	
5x5x9 3/4B	182T-184T	19(483)	19 1/2(495)	38 1/4(972)	40 1/8(1019)	13 1/4(337)	23 3/4(603)	7 1/4(184)	7 1/4(184)	25 1/4(641)	19 1/2(495)	38 1/4(972)	46 3/8(1178)	13 1/4(337)	23 3/4(603)	7 1/4(184)	7 1/4(184)			
	213T-215T			43 3/8(1102)	43 3/8(1102)							49 5/8(1260)	43 3/8(1102)					49 5/8(1260)		
	254T-256T			49 5/8(1260)	49 5/8(1260)							54 3/8(1381)	49 5/8(1260)					49 5/8(1260)		
5x5x9 3/4B 3550 RPM	284TS	19(483)	19 1/2(495)	49 5/8(1260)	49 1/4(1251)	13 1/4(337)	23 3/4(603)	7 1/4(184)	7 1/4(184)	25 1/4(641)	19 1/2(495)	49 5/8(1260)	55 1/2(1410)	13 1/4(337)	23 3/4(603)	7 1/4(184)	7 1/4(184)			
	286TS				50 3/4(1289)							57(1448)								
	324TS				52 5/8(1337)							58 7/8(1495)								
	326TS				54 1/8(1375)							14 1/4(362)	24 3/4(629)					60 3/8(1534)	14 1/4(362)	24 3/4(629)
	364TS				55 3/4(1416)							15 1/4(387)	25 3/4(654)					62 1/2(1575)	15 1/4(387)	25 3/4(654)
	365TS				56 3/8(1432)							15 1/4(387)	25 3/4(654)					62 5/8(1591)	15 1/4(387)	25 3/4(654)
	404TS-405TS				58 5/8(1489)							14(356)	24 1/2(622)					64 7/8(1648)	14(356)	24 1/2(622)
444TS	59 1/4(1505)	64 1/2(1638)	18(457)	28 1/2(724)	70 3/4(1797)	18(457)	28 1/2(724)													
5x5x12B 5x5x12L	213T-215T	19(483)	19 1/2(495)	38 1/4(972)	43 3/8(1102)	13 1/4(337)	24 3/4(629)	8(203)	8(203)	25 1/4(641)	19 1/2(495)	43 3/8(1102)	49 5/8(1260)	13 1/4(337)	24 3/4(629)	8(203)	8(203)			
	254T-256T			43 3/8(1102)	43 3/8(1102)							49 5/8(1260)	43 3/8(1102)					49 5/8(1260)		
	284T-286T			49 5/8(1260)	49 5/8(1260)							54 3/8(1381)	49 5/8(1260)					49 5/8(1260)		
6x6x9 3/4B 6x6x9 3/4B	213T-215T	22 3/4(578)	26(660)	53 3/4(1365)	48 1/8(1222)	15 1/2(394)	27(686)	8(203)	8(203)	30 3/8(772)	26(660)	53 3/4(1365)	55 3/8(1407)	15 1/2(394)	27(686)	8(203)	8(203)			
	254T-256T				53 3/8(1362)							59 1/4(1505)	61 1/4(1556)							
	284T-286T				55 7/8(1419)							63 1/2(1613)	63 1/2(1613)							
6x6x9 3/4B 3550 RPM	324T	22 3/4(578)	26(660)	53 3/4(1365)	58(1473)	15 1/2(394)	27(686)	8(203)	8(203)	30 3/8(772)	26(660)	59 1/4(1505)	65 5/8(1667)	15 1/2(394)	27(686)	8(203)	8(203)			
	286TS				54 1/2(1384)							59 1/4(1505)	62 1/2(1578)							
	324TS				56 3/8(1432)							64(1626)	64(1626)							
	326TS				57 7/8(1470)							65 1/2(1664)	65 1/2(1664)							
	364TS				59 1/2(1511)							67 1/4(1705)	67 1/4(1705)							
	365TS				60 1/8(1527)							67 3/4(1721)	67 3/4(1721)							
	404TS				62 3/8(1584)							70(1778)	70(1778)							
405TS	63 7/8(1622)	71 1/2(1816)	71 1/2(1816)																	
444TS	68 1/4(1734)	75 1/8(1927)	75 1/8(1927)																	
6x8x9 3/4H 6x8x9 3/4HL	213T-215T	21 3/4(552)	26(660)	53 7/8(1368)	47 1/8(1197)	15 1/2(394)	28(711)	8 1/4(210)	8 1/4(210)	28 1/2(729)	26(660)	53 7/8(1368)	54 1/8(1375)	15 1/2(394)	28(711)	8 1/4(210)	8 1/4(210)			
	254T-256T				52 5/8(1337)							59 1/4(1505)	59 1/4(1505)							
	284T-286T				54 7/8(1394)							61 3/4(1568)	61 3/4(1568)							
6x6x12L	324T-326T	22 3/4(578)	26(660)	53 7/8(1368)	58 3/8(1483)	15 1/2(394)	28(711)	8 3/4(222)	8 3/4(222)	30 3/8(772)	26(660)	59 1/4(1505)	65 5/8(1661)	15 1/2(394)	28(711)	8 3/4(222)	8 3/4(222)			
	215T				48 1/8(1222)							53 7/8(1368)	55 3/4(1416)							
	254T-256T				49 5/8(1362)							61 1/4(1556)	61 1/4(1556)							
	284T-286T				55 7/8(1419)							63 3/4(1613)	63 3/4(1613)							
	324T-326T				59 3/8(1508)							67(1702)	67(1702)							
8x8x10 1/2 8x8x11 3/4L	364TS	23 1/2(608)	26(660)	53 7/8(1368)	59 1/2(1511)	15 1/2(394)	29 1/2(749)	8 1/2(216)	8 1/2(216)	31 3/8(802)	26(660)	59 1/4(1505)	67 1/8(1705)	15 1/2(394)	29 1/2(749)	8 1/2(216)	8 1/2(216)			
	256T				54 7/8(1394)							68 1/4(1749)	68 1/4(1749)							
	284T-286T				57(1448)							64 3/4(1641)	64 3/4(1641)							
8x8x13B	324T-326T	23 1/2(608)	26(660)	53 3/4(1368)	60 5/8(1540)	17(432)	31(787)	9 1/2(241)	9 1/2(241)	31 3/8(802)	26(660)	59 1/4(1505)	68 1/4(1734)	17(432)	31(787)	9 1/2(241)	9 1/2(241)			
	364TS-365TS				61 1/4(1556)							30(762)	68 3/8(1753)							
	404TS				63 3/8(1561)							71 1/4(1810)	71 1/4(1810)							
	286T				60 1/2(1537)							68 3/4(1746)	68 3/4(1746)							
	324T-326T				64(1626)							72 1/4(1835)	72 1/4(1835)							
10x10x13 10x10x13L	364TS-365TS	27 3/8(695)	32(813)	71(1803)	64 3/4(1645)	20(508)	37(940)	11(279)	11(279)	35 3/8(905)	32(813)	71(1803)	75 1/4(1908)	20(508)	37(940)	11(279)	11(279)			
	364TS-365TS				68 1/2(1740)							73(1854)	73(1854)							
	404TS-405TS				74 7/8(1902)							76 3/4(1949)	76 3/4(1949)							
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Dimensions

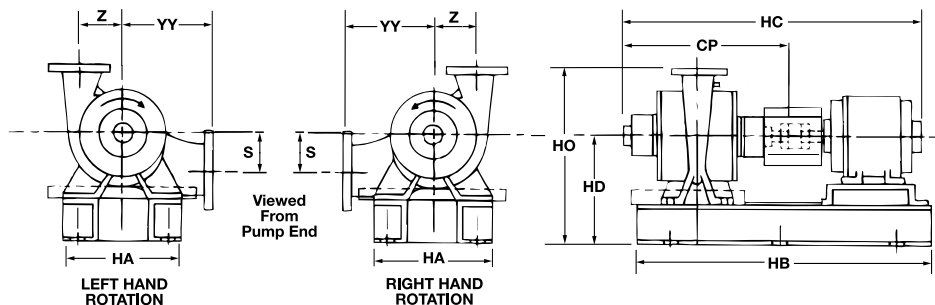
Dimensions subject to change without notice. Do not use for construction purposes.

MAXIMUM WORKING PRESSURE: 175 PSI*

NOTE: Flanges are 125# ANSI Standard.

*300 PSI working pressure with 250 ANSI flanges optionally available with standard mechanical seal if suction pressure is below 160 psig or with -S mechanical seal for higher suction pressures.

Right hand rotation is furnished unless otherwise specified.



PUMP SIZE	MOTOR FRAME	STANDARD MECHANICAL SEAL CONSTRUCTION PUMP MODEL VSCS, VSCS-F									STUFFING BOX CONSTRUCTION VSCS-PF, VSCS-S & VSCS-D								
		DIMENSIONS IN INCHES (MM)									DIMENSIONS IN INCHES (MM)								
		CP	HA	HB	HC MAX.	HD	HO	S	YY	Z	CP	HA	HB	HC MAX.	HD	HO	S	YY	Z
4x5x14 1/4	254T-256T	22 3/4(578)	26(660)	53 3/4(1365)	55 5/8(1413)	17(432)	30(762)	6(152)	15(381)	9(229)	30 3/8(772)	26(660)	53 3/4(1365)	61 1/4(1556)	17(432)	30(762)	6(152)	15(381)	9(229)
	284T-286T				55 7/8(1419)								59 1/4(1505)	63 1/2(1613)					
	324T-326T				59 3/8(1508)								67 1/4(1702)	67 1/4(1702)					
	364TS-365TS				60 1/8(1527)								67 3/4(1721)	70(1778)					
	404TS				62 3/8(1584)								70(1778)						
5x6x9 3/4B	182T-184T	19(483)	19 1/2(495)	38 1/4(972)	40 1/8(1019)	13 1/4(337)	23 3/4(603)	3(76)	13(330)	7 1/4(184)	25 1/4(641)	19 1/2(495)	38 1/4(972)	46 3/8(1178)	13 1/4(337)	23 3/4(603)	3(76)	13(330)	7 1/4(184)
	213T-215T				43 3/8(1102)								43 3/8(1102)	49 5/8(1260)					
	254T-256T				49 7/8(1267)								49 5/8(1260)	56 1/8(1426)					
5x6x9 3/4B 3550 RPM	284TS	19(483)	19 1/2(495)	49 5/8(1260)	49 1/4(1251)	13 1/4(337)	23 3/4(603)	3(76)	13(330)	7 1/4(184)	25 1/4(641)	19 1/2(495)	55 1/2(1410)	57(1448)	13 1/4(337)	23 3/4(603)	3(76)	13(330)	7 1/4(184)
	286TS				50 3/4(1289)								57(1448)						
	324TS				52 5/8(1337)								57 7/8(1470)						
	326TS				54 1/8(1375)								60 3/8(1533)						
	364TS				55 1/4(1416)								62(1575)						
	365TS				56 3/8(1432)								62 5/8(1591)						
	404TS				58 5/8(1489)								64 7/8(1648)						
5x6x12B 5x6x12L	213T-215T	19(483)	19 1/2(495)	43 3/8(1102)	43 3/8(1102)	13 1/4(337)	24 3/4(629)	2(51)	12 7/8(327)	8(203)	25 1/4(641)	19 1/2(495)	43 3/8(1102)	49 5/8(1260)	13 1/4(337)	24 3/4(629)	2(51)	12 7/8(327)	8(203)
	254T-256T				49 7/8(1267)								56 1/8(1426)						
	284T-286T				52 1/8(1324)								58 3/8(1483)						
	324T-326T				55 5/8(1413)								61 7/8(1572)						
5x6x15 1/2	254T-256T	23 15/16(608)	26(660)	53 3/4(1365)	54 7/8(1394)	17(432)	30(762)	4 9/16(116)	17 3/4(451)	10 1/2(267)	31 9/16(802)	26(660)	53 3/4(1365)	62 1/2(1588)	17(432)	30(762)	4 9/16(116)	17 3/4(451)	10 1/2(267)
	284T-286T				57(1448)								59 1/4(1505)	64 5/8(1641)					
	324T-326T				60 5/8(1540)								68 1/4(1734)						
	364TS-365TS				61 3/8(1559)								69(1753)						
	404TS				59 1/4(1505)								72 3/4(1848)						
	405TS-444TS				69 1/2(1765)								71(1803)	77 1/8(1959)					
6x8x9 3/4B 6x8x9 1/4L	213T-215T	22 3/4(578)	26(660)	53 3/4(1365)	48 1/8(1222)	15 1/2(394)	27(686)	3(76)	15(381)	8(203)	30 3/8(772)	26(660)	53 3/4(1365)	55 3/4(1416)	15 1/2(394)	27(686)	3(76)	15(381)	8(203)
	254T-256T				53 3/8(1362)								59 1/4(1505)	61 1/4(1556)					
	284T-286T				55 7/8(1419)								63 1/2(1613)						
	324T				58(1473)								65 5/8(1667)						
6x8x9 3/4B 3550 RPM	286TS	22 3/4(578)	26(660)	53 3/4(1365)	54 1/2(1384)	15 1/2(394)	27(656)	3(76)	15(381)	8(203)	30 3/8(772)	26(660)	53 3/4(1365)	62 1/8(1578)	15 1/2(394)	27(686)	3(76)	15(381)	8(203)
	324TS				56 3/8(1432)								59 1/4(1505)	64(1626)					
	326TS				57 7/8(1470)								65 1/2(1664)						
	364TS				59 1/2(1511)								67 1/8(1705)						
	365TS				60 1/8(1527)								67 3/4(1721)						
	404TS				62 3/8(1584)								70(1778)						
	405TS				63 7/8(1622)								71 1/2(1816)						
	444TS				68 1/4(1734)								75 7/8(1927)						
6x8x9 3/4H 6x8x9 1/4HL	213T-215T	21 3/4(552)	26(660)	53 3/4(1365)	47 1/8(1197)	15 1/2(394)	28(711)	5(127)	16(406)	8 1/4(210)	28 11/16(729)	26(660)	53 3/4(1365)	54 1/8(1375)	15 1/2(394)	28(711)	5(127)	16(406)	8 1/4(210)
	254T-256T				52 5/8(1337)								59 5/8(1514)						
	284T-286T				54 7/8(1394)								61 3/4(1568)						
	324T-326T				58 3/8(1483)								65 3/8(1661)						
6x8x12L	215T	22 3/4(578)	26(660)	53 3/4(1365)	48 1/8(1222)	15 1/2(394)	28(711)	2 1/2(64)	15(381)	8 3/4(222)	30 3/8(772)	26(660)	53 3/4(1365)	55 3/4(1416)	15 1/2(394)	28(711)	2 1/2(64)	15(381)	8 3/4(222)
	254T-256T				53 3/8(1362)								59 1/4(1505)	61 1/4(1556)					
	284T-286T				55 7/8(1419)								63 1/2(1613)						
	324T-326T				59 3/8(1508)								67(1702)						
	364TS				59 1/2(1511)								67 1/8(1705)						
					16(406)								71 1/2(1816)						
8x10x10 1/2 8x10x11 3/4L	254T-256T	23 15/16(608)	26(660)	53 3/4(1365)	54 7/8(1394)	15 1/2(394)	29 1/2(749)	4 1/2(114)	17(432)	8 1/2(216)	31 9/16(802)	26(660)	53 3/4(1365)	62 1/2(1588)	15 1/2(394)	29 1/2(749)	4 1/2(114)	17(432)	8 1/2(216)

Dimensions

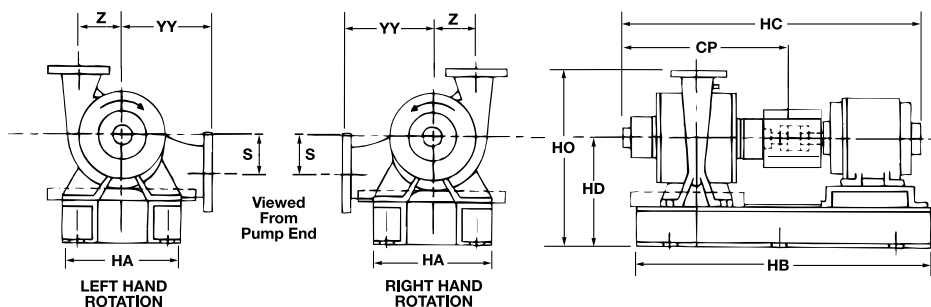
Dimensions subject to change without notice. Do not use for construction purposes.

MAXIMUM WORKING PRESSURE: 175 PSI*

NOTE: Flanges are 125# ANSI Standard.

*300 PSI working pressure with 250 ANSI flanges optionally available with standard mechanical seal if suction pressure is below 160 psig or with -S mechanical seal for higher suction pressures.

Right hand rotation is furnished unless otherwise specified.



PUMP SIZE	MOTOR FRAME	DIMENSIONS IN INCHES (MM)											
		CP	HA	HB	HC MAX.	HD	HO	S	YY	Z			
8x10x17 Stuffing Box Only	284T-286T	31 ⁹ / ₁₆ (802)	32 (813)	71 (1803)	64 ⁵ / ₈ (1641)	20 (508)	39 (991)	5 ¹ / ₂ (140)	21 (533)	117 ⁸ / ₁₆ (302)			
	324T-326T				68 ¹ / ₄ (1734)								
	364T-365T				71 ¹ / ₈ (1807)								
	364TS-365TS				69(1753)								
	404TS-405TS				72 ³ / ₄ (1848)								
	444TS-445TS				79 ¹ / ₈ (2010)								
8x10x17L Standard Mechanical Seal Only	286T	23 ¹⁵ / ₁₆ (608)	32 (813)	71 (1803)	57(1448)	20 (508)	39 (991)	5 ¹ / ₂ (140)	21 (533)	117 ⁸ / ₁₆ (302)			
	324T-326T				60 ⁵ / ₈ (1540)								
	364T-365T				63 ¹ / ₂ (1613)								
	365TS				61 ³ / ₈ (1559)								
	404T-405T				65 ¹ / ₈ (1554)								
	404TS-405TS				71 ¹ / ₂ (1816)								
	444TS-445TS				68 ¹ / ₈ (1730)								
	326T				72 ³ / ₄ (1848)								
10x12x17 Stuffing Box Only	364T-365T	36 ¹ / ₈ (918)	32 (813)	71 (1803)	75 ⁵ / ₈ (1921)	21 ¹ / ₂ (546)	40 ¹ / ₂ (1029)	7 (178)	21 (533)	12 ⁹ / ₁₆ (310)			
	404T-405T				80 ¹ / ₄ (2038)								
	444T				85 ³ / ₈ (2169)								
	404TS-405TS				77 ¹ / ₄ (1962)								
	444TS-445TS				83 ⁵ / ₈ (2124)								
	250 HP				36 (914)						*	*	
	1800 RPM												
	300 HP												
	1800 RPM												
	10x12x17L Standard Mechanical Seal Only	326T	29 ¹ / ₈ (740)	32 (813)	71 (1803)						65 ³ / ₄ (1670)	21 ¹ / ₂ (546)	40 ¹ / ₂ (1029)
364T-365T		68 ⁵ / ₈ (1743)											
404T-405T		73 ¹ / ₄ (1861)											
444T		78 ³ / ₈ (1991)											
404TS-405TS		70 ¹ / ₄ (1784)											
444TS-445TS		76 ⁵ / ₈ (1946)											
250 HP and Larger		Consult Factory											
12x14x12 ¹ / ₂ Stuffing Box Only	284T-286T	36 ¹ / ₈ (918)	32 (813)	71 (1803)	69 ¹ / ₄ (1759)	21 ¹ / ₂ (546)	39 ¹ / ₂ (1003)	6 ³ / ₄ (171)	21 (533)	107 ⁸ / ₁₆ (276)			
	324T-326T				72 ³ / ₄ (1848)								
	364TS-365TS				73 ¹ / ₂ (1867)								
	404TS-405TS				77 ¹ / ₄ (1962)								
	444TS-445TS				83 ⁵ / ₈ (2124)								
12x14x12 ³ / ₄ L Standard Mechanical Seal Only	324T-326T	29 ¹ / ₈ (740)	32 (813)	71 (1803)	65 ³ / ₄ (1670)	21 ¹ / ₂ (546)	39 ¹ / ₂ (1003)	6 ³ / ₄ (171)	18 (457)	107 ⁸ / ₁₆ (276)			
	364T-365T				68 ⁵ / ₈ (1743)								
	404T				71 ³ / ₄ (1822)								
	364TS-365TS				66 ¹ / ₂ (1689)								
	404TS-405TS				70 ¹ / ₄ (1784)								
	444TS-445TS				76 ⁵ / ₈ (1946)								
	250 HP and Larger				Consult Factory								
12x14x17 ¹ / ₂ (Not available in PF Construction) Stuffing Box Only	365T	41 ³ / ₄ (1060)	36 (914)	81 (2057)	81 ¹ / ₄ (2063)	23 ¹ / ₂ (597)	45 ¹ / ₄ (1149)	7 ³ / ₄ (197)	25 (635)	13 ¹ / ₂ (343)			
	404T-405T				85 ⁷ / ₈ (2181)								
	444T-445T				93(2362)								
	445TS				89 ¹ / ₄ (2267)								
	250 HP			*	*								
	1800 RPM												
	300 HP												
	1800 RPM												
	350 HP												
	1800 RPM												
	400 HP												
	1800 RPM												
450 HP													
1800 RPM													
12x14x17 ¹ / ₂ L & B Standard Mechanical Seal Only	365T	34 (864)	36 (914)	81 (2057)	73 ¹ / ₂ (1867)	23 ¹ / ₂ (597)	45 ¹ / ₄ (1149)	7 ³ / ₄ (197)	25 (635)	13 ¹ / ₂ (343)			
	404T-405T				78 ¹ / ₈ (1984)								
	444T-445T				85 ¹ / ₄ (2165)								
	444TS-445TS				81 ¹ / ₂ (2070)								
	250 HP and Larger				Consult Factory								

* Varies with motor manufacturer.

**Stuffing box type VSCS-S construction available for this pump.

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- 2) a leading global water technology company.

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