



3887 (WS_BF & WS_BHF) Series

Cast iron sewage pumps

3887 (WS_BF & WS_BHF) Series sewage pumps are engineered with heavy-duty cast iron construction for long-lasting reliability. Designed for maintenance-free operation, they include oil-filled motor domes for superior cooling and performance. These pumps handle 2" solids and come standard with a 2" NPT threaded companion flange. Optional 3" discharge kits are available and must be ordered separately (Order No. A1-3 KIT). These "Complete. Reliable. Blue." pumps are ideal for residential, light commercial, and light industrial applications.

Applications

- Homes
- Light industrial
- Light commercial
- Water transfer
- Sewage systems
- Dewatering/effluent

Features

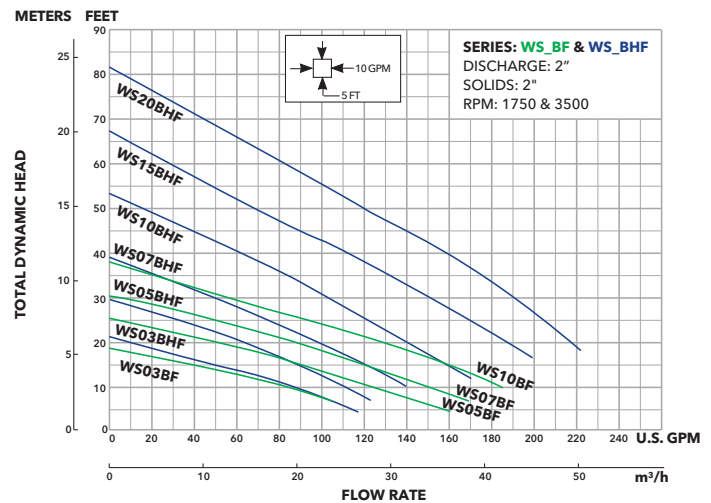
- Cast iron, semi-open, dynamically balanced, non-clogging impeller with pump-out vanes for mechanical seal protection (an optional silicon bronze impeller is available)
- Cast iron volute type casing for maximum efficiency, which is designed for easy installation
- Mechanical seal with silicon carbide vs. silicon carbide sealing faces for superior abrasion resistance, stainless steel parts and BUNA-N elastomers
- Corrosion-resistant, stainless steel shaft with a threaded design
- Locknut to guard against component damage on accidental reverse rotation
- 300 series stainless steel fasteners
- Capable of running dry without damaging the components
- Three (3) year standard warranty/Four (4) year GPDA



Product specifications

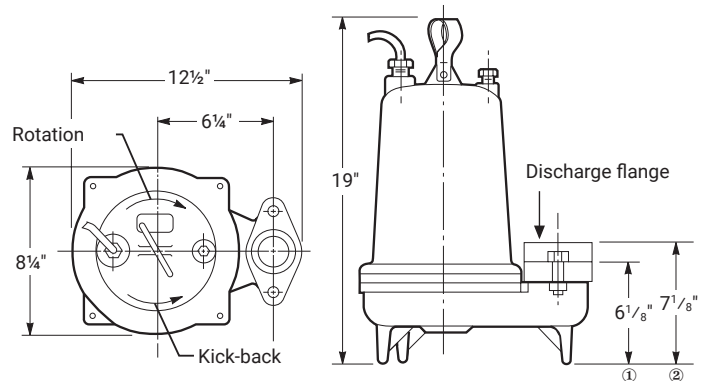
Order number	HP	Phase	Volts	RPM	WS-BF maximum amps	WS-BHF maximum amps
WS0311BF/BHF	0.33	1	115	1750 WS_ BF	10.7	12.4
WS0318BF/BHF			208		6.8	6.8
WS0312BF/BHF			230		4.9	6.2
WS0511BF/BHF	0.5	1	115		14.5	14.5
WS0518BF/BHF			208		8.0	8.4
WS0512BF/BHF			230		7.3	7.6
WS0538BF/BHF		3	200		3.8	4.9
WS0532BF/BHF			230		3.3	3.6
WS0534BF/BHF			460		1.7	1.8
WS0537BF/BHF	0.75	1	575		1.4	1.5
WS0718BF/BHF			208	3500 WS_ BHF	11.0	11.0
WS0712BF/BHF			230		9.4	10.0
WS0738BF/BHF		3	200		4.1	6.2
WS0732BF/BHF			230		3.6	5.4
WS0734BF/BHF			460		1.8	2.7
WS0737BF/BHF		1	575		1.5	2.2
WS1018BF/BHF			208		14.0	14.5
WS1012BF/BHF			230		12.3	13.0
WS1038BF/BHF	1	3	200	3500 NA	6.0	8.6
WS1032BF/BHF			230		5.8	7.5
WS1034BF/BHF			460		2.9	3.8
WS1037BF/BHF			575		2.4	3.1
WS1512BHF	1.5	1	230			18.0
WS1538BHF		3	200			10.0
WS1532BHF			230			9.6
WS1534BHF			460			4.8
WS1537BHF			575			3.9
WS2012BHF	2	1	230			18.0
WS2038BHF		3	200			12.0
WS2032BHF			230			11.6
WS2034BHF			460			5.8
WS2037BHF			575			4.7

Performance curves



Dimensions

(All dimensions are in inches. Do not use for construction purposes.)



Discharge flange:

- ① 2" NPT standard
- ② 3" NPT optional (order an A1-3 KIT)



Materials of construction

Part name	Material
Impeller	Cast iron*
Casing and motor dome	Cast iron
Motor adapter	Cast iron
Mechanical seal	Silicon carbide/Silicon carbide/BUNA
Cord	STOW or SJTOW
Fasteners	Stainless steel
Handle	Stainless steel

* Silicon bronze impeller available as an option.

Agency listings

Tested to UL778
CAN 22.2 by CSA
International (Canadian standards association)

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3887 Series pumps



3887BF



3887BHF

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