



SERIES 'HF' | HORIZONTAL PUMPS

400 U.S. GPM or 160 ft. TDH @ 60Hz

EPDM or FKM elastomers

Non-metallic solution contact

High-temp PP, CPVC, or PVDF
(See chemical resistance guide T-102)

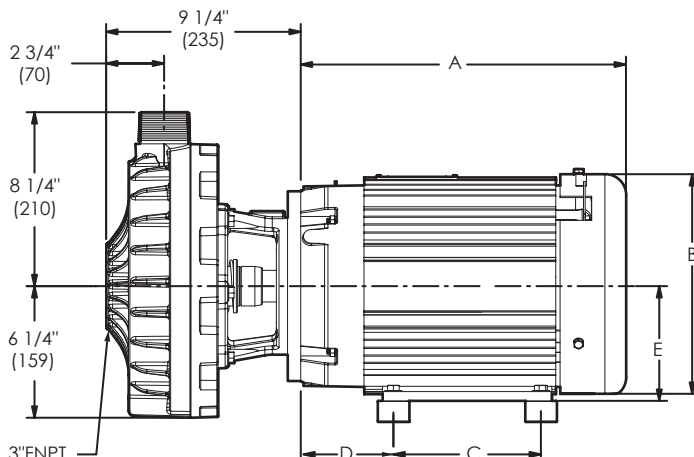
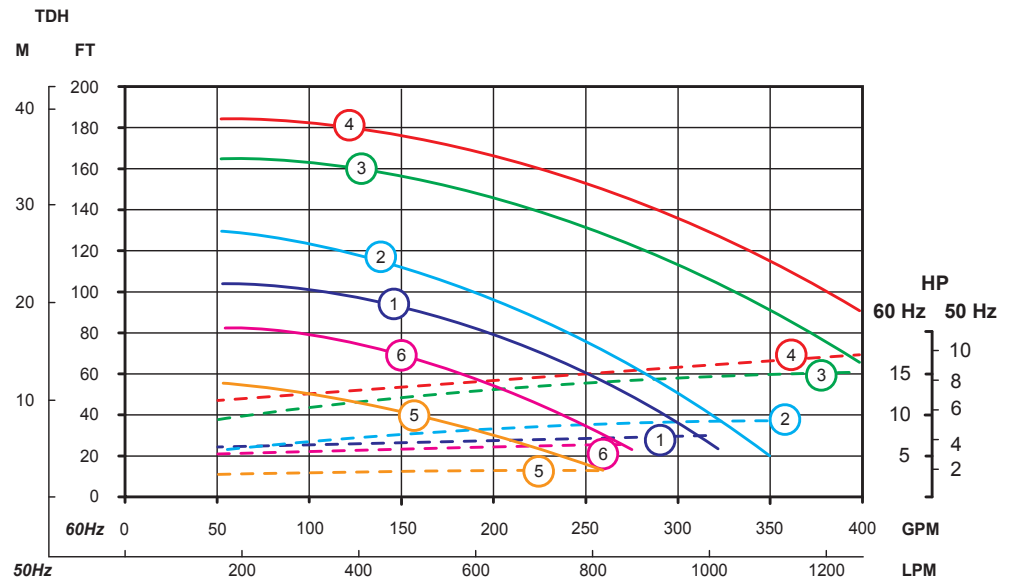
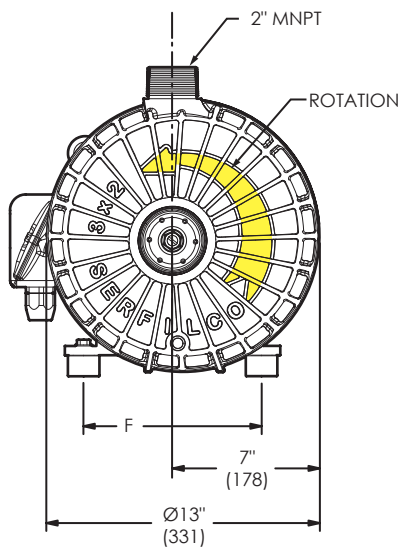
Chemical Duty Motor

Sealed oversized bearings,
cast iron end bells, corrosion
resistant two-part coating,
stainless steel nameplate.

Centrifugal

ANSI dimensional, available w/optional
flange connections or long-coupled.

Choice of single or double mechanical seal



Voltage	HP (kW)	Dimensions: in. (mm)					
		A*	B*	C	D	E*	F
208-230/460/3/60 1725 rpm	5.0 (3.7)	14.0 (356)	8.7 (221)	5.5 (140)	2.8 (71)	4.5 (114)	7.5 (191)
208-230/460/3/60 3450 rpm	7.5 (5.5)	15.5 (394)	10.4 (263)		3.5 (89)	5.3 (135)	8.5 (216)
	10.0 (7.5)	15.4 (390)		7.0 (178)	4.4 (111)	5.5 (140)	
	15.0 (11)						
Dimensions are for reference only. * Motor dimensions will vary with motor manufacturer.							



Series 'HF' | Horizontal Pumps

Order Information

For standard pump-motor combination, select model from table below.

Select flow curve number providing the desired performance, then match to Model # listed below.

Standard models include: Silicon carbide single or double mechanical seal, EPDM elastomers (CPVC or PP) & Viton (PVDF).

Motor HP is non-overloading at full capacity for S.G. of 1.0.

Standard - Single Mechanical Seal - 60 Hz Models						
Flow Curve	Model	PCN	Model	PCN	Model	PCN
	CPVC		PP		PVDF	
1	HF3x2CM1L(M8)-D7.5	47-5011-A	HF3x2PM1L(M8)-D7.5	47-5111-A	HF3x2KM1V(M8)-D7.5	47-5217-A
2	HF3x2CM2L(M8)-D10.0	47-5021-B	HF3x2PM2L(M8)-D10.0	47-5121-B	HF3x2KM2V(M8)-D10.0	47-5227-B
3	HF3x2CM3L(M8)-D15.0	47-5031-C	HF3x2PM3L(M8)-D15.0	47-5131-C	HF3x2KM3V(M8)-D15.0	47-5237-C
5	HF3x2CM5L(M8)-H5.0	47-5051-D	HF3x2PM5L(M8)-H5.0	47-5151-D	HF3x2KM5V(M8)-H5.0	47-5257-D
6	HF3x2CM6L(M8)-D7.5	47-5061-A	HF3x2PM6L(M8)-D7.5	47-5161-A	HF3x2KM6V(M8)-D7.5	47-5267-A
Standard - Single Mechanical Seal - 50 Hz Models						
1	HF3x2CM1L(M8)-D7.5-50	47-5011-E	HF3x2PM1L(M8)-D7.5-50	47-5111-E	HF3x2KM1V(M8)-D7.5-50	47-5217-E
2	HF3x2CM2L(M8)-D7.5-50	47-5021-E	HF3x2PM2L(M8)-D7.5-50	47-5121-E	HF3x2KM2V(M8)-D7.5-50	47-5227-E
3	HF3x2CM3L(M8)-D10.0-50	47-5031-F	HF3x2PM3L(M8)-D10.0-50	47-5131-F	HF3x2KM3V(M8)-D10.0-50	47-5237-F
4	HF3x2CM4L(M8)-D10.0	47-5041-F	HF3x2PM4L(M8)-D10.0-50	47-5141-F	HF3x2KM4V(M8)-D10.0-50	47-5247-F
5	HF3x2CM5L(M8)-H5.0-50	47-5051-G	HF3x2PM5L(M8)-H5.0-50	47-5151-G	HF3x2KM5V(M8)-H5.0-50	47-5257-G
6	HF3x2CM6L(M8)-D7.5-50	47-5061-E	HF3x2PM6L(M8)-D7.5-50	47-5161-E	HF3x2KM6V(M8)-D7.5-50	47-5267-E

Standard - Double Mechanical Seal - 60 Hz Models						
Flow Curve	Model	PCN	Model	PCN	Model	PCN
	CPVC		PP		PVDF	
1	HF3x2CM1L(M8xM1)-D7.5	47-5014-A	HF3x2PM1L(M8xM1)-D7.5	47-5114-A	HF3x2KM1V(M8xM1)-D7.5	47-5218-A
2	HF3x2CM2L(M8xM1)-D10.0	47-5024-B	HF3x2PM2L(M8xM1)-D10.0	47-5124-B	HF3x2KM2V(M8xM1)-D10.0	47-5228-B
3	HF3x2CM3L(M8xM1)-D15.0	47-5034-C	HF3x2PM3L(M8xM1)-D15.0	47-5134-C	HF3x2KM3V(M8xM1)-D15.0	47-5238-C
5	HF3x2CM5L(M8xM1)-H5.0	47-5054-D	HF3x2PM5L(M8xM1)-H5.0	47-5154-D	HF3x2KM5V(M8xM1)-H5.0	47-5258-D
6	HF3x2CM6L(M8xM1)-D7.5	47-5064-A	HF3x2PM6L(M8xM1)-D7.5	47-5164-A	HF3x2KM6V(M8xM1)-D7.5	47-5268-A
Standard - Double Mechanical Seal - 50 Hz Models						
1	HF3x2CM1L(M8xM1)-D7.5-50	47-5014-E	HF3x2PM1L(M8xM1)-D7.5-50	47-5114-E	HF3x2KM1V(M8xM1)-D7.5-50	47-5218-E
2	HF3x2CM2L(M8xM1)-D7.5-50	47-5024-E	HF3x2PM2L(M8xM1)-D7.5-50	47-5124-E	HF3x2KM2V(M8xM1)-D7.5-50	47-5228-E
3	HF3x2CM3L(M8xM1)-D10.0-50	47-5034-F	HF3x2PM3L(M8xM1)-D10.0-50	47-5134-F	HF3x2KM3V(M8xM1)-D10.0-50	47-5238-F
4	HF3x2CM4L(M8xM1)-D10.0-50	47-5044-F	HF3x2PM4L(M8xM1)-D10.0-50	47-5144-F	HF3x2KM4V(M8xM1)-D10.0-50	47-5248-F
5	HF3x2CM5L(M8xM1)-H5.0-50	47-5054-G	HF3x2PM5L(M8xM1)-H5.0-50	47-5154-G	HF3x2KM5V(M8xM1)-H5.0-50	47-5258-G
6	HF3x2CM6L(M8xM1)-D7.5-50	47-5064-E	HF3x2PM6L(M8xM1)-D7.5-50	47-5164-E	HF3x2KM6V(M8xM1)-D7.5-50	47-5268-E

* For custom pump-motor combinations please consult Serfilco sales department. (800) 323-5431

Options

Description	Add to Model	PCN
Trimmed impeller to meet specified flow	-	47-0084
Flange connections ANSI dimensional	-F	X