



SERFILCO®

Chemical resistant pumps & filters engineered for industry

BULLETIN
P-201_V
04/09/18
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SERIES 'HE' | HORIZONTAL PUMPS

175 U.S. GPM or 130 ft. TDH @ 60 Hz

EPDM or FKM elastomers

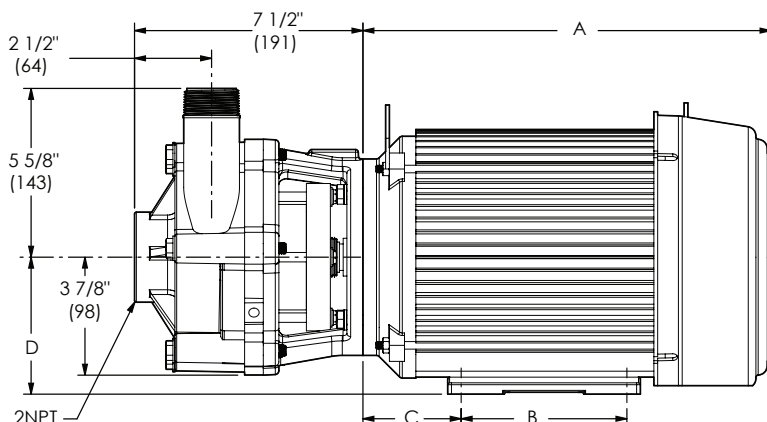
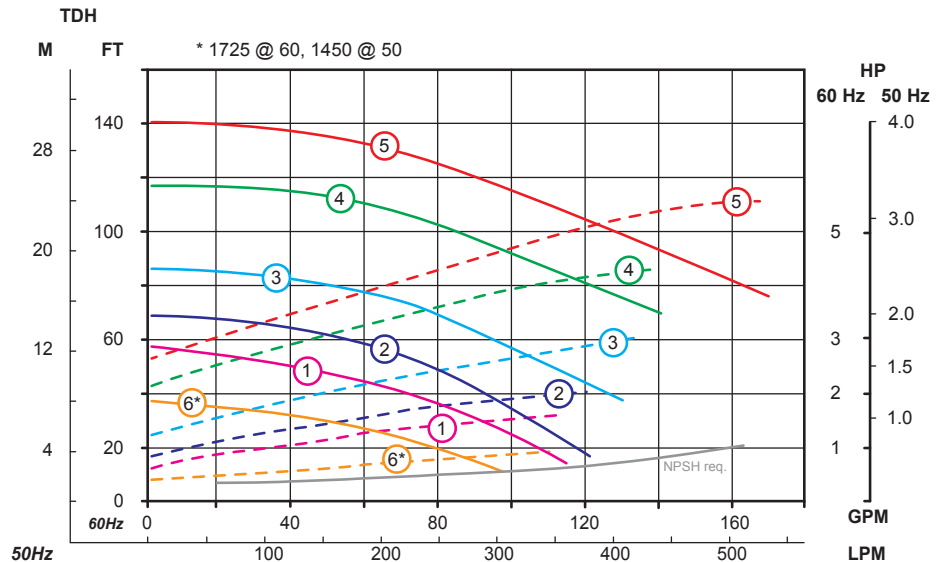
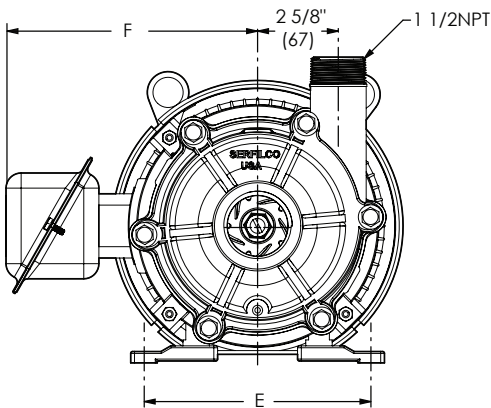
Motor (1.0-7.5 HP)
NEMA JM

Choice of single or double mechanical seal

Pump casing indexes to six directions of discharge

Centrifugal
Quiet & vibration free

Non-metallic solution contact
High-temp PP, CPVC, PVDF or ECTFE
(See chemical resistance guide T-102)



Voltage	HP (kW)	Dimensions: in. (mm)					
		A	B	C	D	E	F
208-230/460/3/60 1725 rpm	1.0 (.75)	9.19 (233)	4 (102)	2.56 (65)	3.5 (89)	5.5 (140)	6.25 (219)
208-230/460/3/60 3450 rpm	1.5 (1.1)						
208-230/460/3/60 1725 rpm	1.5 (1.1)	10.25 (260)	5 (127)	2.75 (70)	4.5 (115)	7.5 (160)	7.5 (160)
	2.0 (1.5)						
208-230/460/3/60 3450 rpm	3.0 (2.2)	11.88 (302)	4.5 (115)				
	5.0 (3.7)	13.25 (337)	5.5 (140)				
	7.5 (5.5)						

Dimensions are for reference only.
* Motor dimensions will vary with motor manufacturer.



Series 'HE' | Horizontal Pumps

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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, PP or ECTFE) & FKM (PVDF).

Motor HP is non-overloading at full capacity with 1.1 specific gravity.

Standard - Single Mechanical Seal - 60 Hz Models								
Flow Curve	Model #	PCN	Model #	PCN	Model #	PCN	Model #	PCN
	CPVC/EPDM		PP/EPDM		PVDF/FKM		ECTFE/EPDM	
1	H2x1-1/2CE1L(M8)-D1.5	42-0110-A	H2x1-1/2PE1L(M8)-D1.5	42-0410-A	H2x1-1/2KE1V(M8)-D1.5	42-0318-A	H2x1-1/2HE1L(M8)-D1.5	42-0610-A
2	H2x1-1/2CE2L(M8)-D2.0	42-0120-A	H2x1-1/2PE2L(M8)-D2.0	42-0420-B	H2x1-1/2KE2V(M8)-D2.0	42-0328-B	H2x1-1/2HE2L(M8)-D2.0	42-0620-B
3	H2x1-1/2CE3L(M8)-D3.0	42-0130-A	H2x1-1/2PE3L(M8)-D3.0	42-0430-C	H2x1-1/2KE3V(M8)-D3.0	42-0338-C	H2x1-1/2HE3L(M8)-D3.0	42-0630-C
4	H2x1-1/2CE4L(M8)-D5.0	42-0140-A	H2x1-1/2PE4L(M8)-D5.0	42-0440-D	H2x1-1/2KE4V(M8)-D5.0	42-0348-D	H2x1-1/2HE4L(M8)-D5.0	42-0640-D
5	H2x1-1/2CE5L(M8)-D7.5	42-0150-A	H2x1-1/2PE5L(M8)-D7.5	42-0450-E	H2x1-1/2KE5V(M8)-D7.5	42-0358-E	H2x1-1/2HE5L(M8)-D7.5	42-0650-E
6	H2x1-1/2CE6L(M8)-H1.0	42-0160-A	H2x1-1/2PE6L(M8)-H1.0	42-0460-F	H2x1-1/2KE6V(M8)-H1.0	42-0368-F	H2x1-1/2HE6L(M8)-H1.0	42-0660-F

Standard - Double Mechanical Seal - 60 Hz Models								
Flow Curve	Model #	PCN	Model #	PCN	Model #	PCN	Model #	PCN
	CPVC/EPDM		PP/EPDM		PVDF/FKM		ECTFE/EPDM	
1	H2x1-1/2CE1L(M8xM1)-D1.5	42-0114-A	H2x1-1/2PE1L(M8xM1)-D1.5	42-0414-A	H2x1-1/2KE1V(M8xM1)-D1.5	42-0319-A	H2x1-1/2HE1L(M8xM1)-D1.5	42-0614-A
2	H2x1-1/2CE2L(M8xM1)-D2.0	42-0124-A	H2x1-1/2PE2L(M8xM1)-D2.0	42-0424-B	H2x1-1/2KE2V(M8xM1)-D2.0	42-0329-B	H2x1-1/2HE2L(M8xM1)-D2.0	42-0624-B
3	H2x1-1/2CE3L(M8xM1)-D3.0	42-0134-A	H2x1-1/2PE3L(M8xM1)-D3.0	42-0434-C	H2x1-1/2KE3V(M8xM1)-D3.0	42-0339-C	H2x1-1/2HE3L(M8xM1)-D3.0	42-0634-C
4	H2x1-1/2CE4L(M8xM1)-D5.0	42-0144-A	H2x1-1/2PE4L(M8xM1)-D5.0	42-0444-D	H2x1-1/2KE4V(M8xM1)-D5.0	42-0349-D	H2x1-1/2HE4L(M8xM1)-D5.0	42-0644-D
5	H2x1-1/2CE5L(M8xM1)-D7.5	42-0154-A	H2x1-1/2PE5L(M8xM1)-D7.5	42-0454-E	H2x1-1/2KE5V(M8xM1)-D7.5	42-0359-E	H2x1-1/2HE5L(M8xM1)-D7.5	42-0654-E
6	H2x1-1/2CE6L(M8xM1)-H1.0	42-0160-A	H2x1-1/2PE6L(M8xM1)-H1.0	42-0464-F	H2x1-1/2KE6V(M8xM1)-H1.0	42-0369-F	H2x1-1/2HE6L(M8xM1)-H1.0	42-0664-F

**For custom pump-motor combinations or 50 Hz models, please consult Serfilco sales department. (800) 323-5431*

Options

Description		PCN
Flange connections ANSI 150 lbs. (ASA 150) 2"x1-1/2"	CPVC	42-0200
	PVDF	42-0211
	PP	42-0216
Stainless Steel Shaft		42-0230
Long Coupled		add '-LC'

Long coupled includes: cast iron pedestal, steel channel, flexible coupling and guard.