





## Ordering Information

A complete Vector pump order number uses a 10 character order code to identify the desired hose, fittings and drive. Select the appropriate items from the chart below and use the order code from each group to complete the pump assembly order number.

1	2	0	0	9	-	5	6	-	7	8	-	9	10
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Order Digit	Order Code	Description
<b>1-4</b>		<b>Pump Designation</b>
	2009	Model 2009 Shaft Drive Pump

<b>5-6</b>	<b>Hose Material/Type (max hose pressure)</b>	
EF	EPDM, fiber-braided (75 psig)	
MF	Natural Rubber, fiber-braided (heavy duty) (100 psig)	
NF	Natural Rubber, fiber-braided (75 psig)	
HF	Hypalon, fiber-braided (75 psig)	

<b>7-8</b>	<b>Connector Material/Style</b>	
BB	316 SST, 4" ANSI flange	
EE	Carbon Steel, 4" male NPT	
TT	316 SST, 4" male NPT	

<b>9-10</b>	<b>Drive</b>				
	Flow GPM	Gear Ratio	Pump RPM	Max PSI	BHP
	<b>*Three Phase, TEFC, 230-460 VAC, 60 Hz</b>				
	<b>4:1 Constant Torque Speed Range</b>				
<b>B2</b>	38	79:1	21	100	5
<b>D2</b>	57	60:1	29	100	7.5
<b>F2</b>	73	48:1	37	100	7.5
<b>H2</b>	84	41:1	43	100	10
<b>J2</b>	97	35:1	49	100	10
<b>L2</b>	120	28:1	63	90	15
<b>A</b>	No Drive				

## Fluid Characteristics

<b>Viscosity</b>	100,000 cps (max)
<b>Liquid Temperature</b>	180°F (82° C) (max)
<b>Solid Size</b>	1-7/8 inch (48 mm) (max)
<b>Fiber Length</b>	36 inch (914 mm) (max)

## Specifications

<b>Discharge Pressure</b>	100 psi (7 bar) max
<b>Suction Lift</b>	24 ft (7.3 m)
<b>Suction Pressure (max)</b>	21 psi (1.4 bar)
<b>Horsepower - BHP (max)<sup>1</sup></b>	18
<b>Hose Size</b>	75 x 120 x 2400 mm
<b>Displacement</b>	2.5 gal/rev
<b>Lubrication Fluid (max)</b>	8.5 gal
<b>Weight</b>	1,213 lbs (551 kg)

<sup>1</sup> Pumps are shaft driven and require a gearbox and motor. See Ordering Information for details.

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