

Horizontal Split Case Centrifugal Pumps

The Product Numbering System used, consists of 12 digits, and the following is a description of that system:

0000 - 0000 - 0 0 0 0 0 0
 1 thru 4 5 thru 8 9 10 11 12 13 14

Digits 1 thru 4 describes the pump figure number.

1 thru 4	Description
5061 5062 5063 5064	Split Case

Digits 5 thru 8 describes the pump size (suction x discharge x max. impeller size).

5 thru 8	Description	5 thru 8	Description	5 thru 8	Description
1615	2 x 1-1/2 x 8	4225	6 X 4 X 9	8145	10 X 8 X 12
2215	3 x 2 x 8	4245	6 X 4 X 12	8165	10 X 8 X 14-1/2
2235	3 x 2 x 11	4265	6 X 4 X 14-1/2	8172	10 X 8 X 17A
2255	3 x 2 x 14	4275	6 X 4 X 17	8175	10 X 8 X 17
2256	3 x 2 x 14B	6125	8 X 6 X 9	8185	10 X 8 X 20
3125	4 X 3 X 9	6142	8 X 6 X 12A	7145	12 X 10 X 12
3135	4 X 3 X 11	6145	8 X 6 X 12	7165	12 X 10 X 14-1/2
3155	4 X 3 X 14	6165	8 X 6 X 14-1/2	7178	12 X 10 X 17
3175	4 X 3 X 17	6178	8 X 6 X 17	7565	14 X 12 X 14-1/2
4223	6 X 4 X 9A	6185	8 X 6 X 20	7566	14 X 12 X 14-1/2

Digit 9 describes the cast materials of the pump and the bearing lubrication.

Digit 9	Description	Digit 9	Description
1	All Cast Iron - Grease Lube	6	Bronze Fitted - Oil Lube
2	Bronze Fitted - Grease Lube	7	DI / Brz Impeller - Oil Lube
3	DI / Brz Impeller - Grease Lube	8	DI / Cast Iron Imp. Oil Lube
4	DI / Cast Iron Imp. - Grease Lube	9	Special
5	All Cast Iron - Oil Lube		

Digit 10 describes the shaft material and rotation.

Digit 10	Description	Digit 10	Description
0	4140 Steel Shaft RH Rotation	3	4140 Steel Shaft LH Rotation
1	416SS Shaft RH Rotation	4	416SS Shaft LH Rotation
2	316SS Shaft RH Rotation	5	316SS Shaft LH Rotation

Digit 11 describes the shaft sleeve material.

Digit 11	Description	Digit 11	Description
0	#8 Bronze	2	316 SS
1	416 SS	3	440C - packing only

Digit 12 describes the sealing method.

Digit 12	Description	
0	Standard packing	B = Buna
1	Teflon packing	X = Viton
2	Single seal, type 21, BF1C1	F = Carbon
3	Single seal, type 21, BF171	C = Ceramic
4	Single seal, type 21, XF1C1	7 = Ni-Resist
5	Single seal, type 21, XF171	D = Tungsten Carbide
6	Single seal, type 1, BF1C1	1 = 316SS Hardware
7	Single seal, type 1, BF1D1	
8	Single seal, type 1, XF1D1	

Digit 13 describes the gland material.

Digit 13	Description
1	4140 Steel - Packing
2	Cast Iron - Mechanical Seal
3	316 SS

Digit 14 describes the recirculation line.

Digit 14	Description
0	None required
1	Brass recirculation line
2	316SS recirculation line

- NOTES:** 1. These codes are set up for a standard grease lube pump. For any special construction or material configuration not listed, please list digits 9 thru 12 as 9999 and detail special construction features.
 2. Always list on your purchase order either the impeller diameter required or the capacity and head requirements the impeller is to be designed to handle.