

Vertical In-Line Chemical & Process Pumps

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

0000 - 000 - 00 - 0 0 0
 1 thru 4 5 thru 7 8 & 9 10 11 12

Digits 1 thru 4 describes the pump figure number.

1 thru 4	Description
3182 or 3185	Vertical In-Line Industrial Process Pump w/Close Coupled Motor

Digits 5 thru 7 describes the pump size.

5 thru 7	Description	5 thru 7	Description
102	VAA-E 1-1/2 x 1 x 6	305	VA70-E 4 x 3 x 9-1/2
152	VAB-E 3 x 1-1/2 x 6	158	VA20-E 3 x 1-1/2 x 12
203	VA10-E 3 x 2 X 7-1/4	208	VA30-E 3 x 2 x 12
105	VA05-E 2 x 1 x 9-1/2	308	VA40-E 4 x 3 x 12
155	VA50-E 3 x 1-1/2 x 9-1/2	408	VA80-E 6 x 4 x 12
205	VA60-E 3 x 2 x 9-1/2		

DigitS 8 & 9 describes the motor horsepower. 00 = Less motor.

ODP	TEFC	EXP. PROF	HORSEPOWER
03	23	43	1/2
04	24	44	3/4
05	25	45	1
06	26	46	1-1/2
07	27	47	2
08	28	48	3
09	29	49	5
10	30	50	7-1/2
11	31	51	10
12	32	52	15
13	33	53	20
14	34	54	25
15	35	55	30
16	36	56	40
17	37	57	50
18	38	58	60
19	39	59	75
20	40	60	100

Digit 10 describes the shaft sealing method.

Digit 10	Description	Digit 10	Description
0	Standard Packing	5	Crane Single Type 9T Q/XF1C1
1	Crane Single Type 1 BF1C1	6	Crane Single Type 9T Q/XF171
2	Crane Single Type 1 BF171	7	Crane Single Type 9T QF1C1
3	Crane Double Type 1 BF1C1	8	Crane Single Type 9T QF171
4	Crane Double Type 1 BF171	9	Crane Single Type 9T Q/XF1C1

Digit 11 describes the material of construction and speed

Digit 11	Description	Digit 11	Description
1	S.F.A.I 1750RPM	5	S.F.A.I 3500RPM
2	Bronze Fitted 1750RPM	6	Bronze Fitted 3500RPM
3	Ductile Iron 1750RPM	7	Ductile Iron 3500RPM
4	316 Stainless 1750RPM	8	316 Stainless 3500RPM

Digit 12 describes the sleeve material

Digit 12	Description
0	440C
1	A-20
2	316 Stainless Steel