

# PULSAtron<sup>®</sup> Suction/Discharge Valves

## Suction/Discharge Valve Selection Guide

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**VALVE TYPE:** 101 = Suction Valve  
201 = Discharge Valve

**SEATS:** H = Hypalon  
V = Viton  
T = TFE

**BALLS:** T = TFE  
C = Ceramic  
S = 316 Stainless Steel  
H = Alloy C (Hastelloy)

**CONNECTION TYPE:**

- 1 = Double Balls when TFE seats selected
- 2 = Double Balls when TFE seats selected
- 3 = Double Balls when TFE seats selected
- 4 = Double Balls when TFE seats selected
- 5 = Available for Discharge Only (L3201)
- 6 =
- 7 = Available for Suction Only (L3101)
- 8 =
- A =
- B =
- C =
- D = Spring Loaded with SS Balls
- E = Spring Loaded with SS Balls
- F = Spring Loaded with SS Balls
- G = Spring Loaded with SS Balls
- I =
- J =
- K =
- L =
- M =
- N =
- P =
- Q =
- R =
- S =
- U =
- V =
- W =
- Y =
- X =

**MATERIALS OF CONSTRUCTION:** FPP = Glass Filled Polypropylene  
PVC = Poly Vinyl Chloride  
PVD = Kynar  
316 = 316 Stainless Steel

LIQUID END COMPONENTS

Item No.	Part No.	Description	
1	L0200200-316	HEAD, PUMP	.750
1	L0200200-FPP	HEAD, PUMP	.750
1	L0200900-FPP	HEAD, PUMP HSA #2 HEAD J	.750
1	L0200900-PVC	HEAD, PUMP HSA #2 HEAD J	.750
1	L0200200-PVD	HEAD, PUMP HSA #2 HEAD J	.750
1	L0200300-316	HEAD, PUMP	1.000
1	L0200300-FPP	HEAD, PUMP	1.000
1	L0202500-HPV	HEAD, PUMP	1.000
1	L0200300-PVD	HEAD, PUMP	1.000
1	L0200300-PVC	HEAD, PUMP	1.000
1	L0201000-FPP	HEAD, PUMP HSA #3 HEAD J	1.000
1	L0201000-PVC	HEAD, PUMP HSA #3 HEAD J	1.000
1	L0201000-PVD	HEAD, PUMP HSA #3 HEAD J	1.000
1	L0200400-316	HEAD, PUMP	1.250
1	L0200400-FPP	HEAD, PUMP	1.250
1	L0200400-PVC	HEAD, PUMP	1.250
1	L0200400-PVD	HEAD, PUMP	1.250
1	L0200500-SST	HEAD, PUMP	1.625
1	L0200500-FPP	HEAD, PUMP	1.625
1	L0200500-PVC	HEAD, PUMP	1.625
1	L0200500-PVD	HEAD, PUMP	1.625
1	L0200600-SST	HEAD, PUMP	2.000
1	L0200600-FPP	HEAD, PUMP	2.000
1	L0200600-PVC	HEAD, PUMP	2.000
1	L0200600-PVD	HEAD, PUMP	2.000
1	L0200700-316	HEAD, PUMP	2.500
1	L0200700-FPP	HEAD, PUMP	2.500
1	L0200700-HPV	HEAD, PUMP	2.500
1	L0200700-PVD	HEAD, PUMP	2.500
1	L0200800-PPL	HEAD, PUMP	3.625
1	L0200800-HPV	HEAD, PUMP	3.625
2	L0300900-THY	DIAPHRAGM	.750
2	L0301000-THY	DIAPHRAGM	1.000
2	L0301100-THY	DIAPHRAGM	1.250
2	L0301200-THY	DIAPHRAGM	1.625
2	L0301300-THY	DIAPHRAGM	2.000
2	L0301400-THY	DIAPHRAGM	2.500
2	L0301600-THY	DIAPHRAGM	3.625
18	L1501300-HYP	SUC/DIS VLV O-RING, HYP	
18	L1501300-TFE	SUC/DIS VLV O-RING, TFE	
18	L1501300-VIN	SUC/DIS VLV O-RING, VIN	
24	L1103400-PVC	COUPLING NUT 5/16" OD	
24	L1100300-FPP	COUPLING NUT 3/8" OD	
24	L1100300-PVC	COUPLING NUT 3/8" OD	
24	L1100300-PVD	COUPLING NUT 3/8" OD	
24	L1100400-FPP	COUPLING NUT 1/2" OD	
24	L1100400-PVC	COUPLING NUT 1/2" OD	
24	L1100400-PVD	COUPLING NUT 1/2" OD	
25	L9906700-000	WEIGHT, CERAMIC TUBE	
36	L1501200-TFE	BLEED VLV O-RING, TFE	
60	L1500700-NTR	SECONDARY SEAL, O-RING 2-109	

DRIVE END COMPONENTS

Item No.	Part No.	Description	
3	L2100200-FPP	DEFLECTION PLATE	.750
3	L2100300-FPP	DEFLECTION PLATE	1.000
3	L2100400-FPP	DEFLECTION PLATE	1.250
3	L2100500-FPP	DEFLECTION PLATE	1.625
3	L2100600-FPP	DEFLECTION PLATE	2.000
3	L2100700-FPP	DEFLECTION PLATE	2.500
4	L0400200-FPP	ADAPTER, .750	HSG #2
4	L0400300-FPP	ADAPTER, 1.000	HSG #2
4	L0400400-FPP	ADAPTER, 1.250	HSG #2
4	L0400500-FPP	ADAPTER, 1.625	HSG #2
4	L0400600-FPP	ADAPTER, 1.250	HSG #3
4	L0400700-FPP	ADAPTER, 1.625	HSG #3
4	L0400800-FPP	ADAPTER, 2.000	HSG #3
4	L0400900-FPP	ADAPTER, 2.500	HSG #3
4	L0401100-FPP	ADAPTER, .750	HSG #1
4	L0401200-FPP	ADAPTER, 1.000	HSG #1
4	L0401300-FPP	ADAPTER, 1.250	HSG #1
4	L0401400-PPL	ADAPTER, 3.625	HSG #3
5	L9901200-BRS	SHIM, DIAPHRAGM	
6	L1500400-NTR	EPM/ADAPTER O-RING	
6	L1500600-NTR	EPM/ADAPTER O-RING (ALL H PUMPS)	
7	L9801700-188	#10-32 X 2.62 PAN HEAD, PHILLIPS LP 2-4	
7	L9801800-188	.25-20 X 2.62 PAN HEAD, PHILLIPS LP 5-7	
7	L9803400-188	.25-20 X 2.00 PAN HEAD	LP 8
7	L9803300-188	#10-32 X 2.00 PAN HEAD	316SS
8	L9801300-188	#10 REG FLAT WASHER	LP 2-4
8	L9801400-188	.25 REG FLAT WASHER	LP 5-8
50	L0100100-115	EPM A, B, K2, 3	115V
50	L0100100-230	EPM A, B, K2, 3	230V

DRIVE END COMPONENTS

Item No.	Part No.	Description	
50	L0100200-115	EPM D, E, LE33, 34, 44	115V
50	L0100200-230	EPM D, E, LE33, 34, 44	230V
50	L0100300-115	EPM F, G, K5	115V
50	L0100300-230	EPM F, G, K5	230V
50	L0100400-115	EPM H7, K7	115V
50	L0100400-230	EPM H7, K7	230V
50	L0100500-115	EPM LC, LD54 and LB64	115V
50	L0100500-230	EPM LC, LD54 and LB64	230V
50	L0100600-115	EPM LE 2, 3, 12, 13, 14	115V
50	L0100600-230	EPM LE 2, 3, 12, 13, 14	230V
50	L0100200-012	EPM LS44	12VDC
50	L0100600-012	EPM LS 2, 13, 14	12VDC
51	L0500100-080	HOUSING #3	.080 STRK
51	L0501100-040	HOUSING #2	.040 STRK
51	L0501100-080	HOUSING #2	.080 STRK
51	L0500300-040	HOUSING #1	.040 STRK
51	L0500300-080	HOUSING #1	.080 STRK
52	L0700101-125	CNTRL BD, A-B-D-E SIZE SLD	115V
52	L0700102-125	CNTRL BD, A-B-D-E SIZE SLD	230V
52	L0700201-125	CNTRL BD, EXT/STOP: A, B, D, E	115V
52	L0700202-125	CNTRL BD, EXT/STOP: A, B, D, E	230V
52	L0700401-125	CNTRL BD, 4-20MA/STOP: A, B, D, E	115V
52	L0700402-125	CNTRL BD, 4-20MA/STOP: A, B, D, E	230V
52	L0700501-150	CNTRL BD, F-G SIZE SLD	115V
52	L0700502-150	CNTRL BD, F-G SIZE SLD	230V
52	L0700501-200	CNTRL BD, H-K SIZE SLD	115V
52	L0700502-200	CNTRL BD, H-K SIZE SLD	230V
52	L0709401-220	CNTRL BD, LEH8	115V
52	L0709402-220	CNTRL BD, LEH8	230V
52	L0709101-220	CNTRL BD, LVH7, LP/LVH8	115V
52	L0709102-220	CNTRL BD, LVH7, LP/LVH8	230V
52	L0700801-150	CNTRL BD, EXT/STOP: F, G	115V
52	L0700802-150	CNTRL BD, EXT/STOP: F, G	230V
52	L0700801-200	CNTRL BD EXT/STOP H SIZE SLD	115V
52	L0700802-200	CNTRL BD EXT/STOP H SIZE SLD	230V
52	L0709301-220	CNTRL BD EXT/STOP LVH7, LP/LV	115V
52	L0709302-220	CNTRL BD EXT/STOP LVH7, LP/LV	230V
52	L0700901-150	CNTRL BD, 4-20 MA/STOP: F, G	115V
52	L0700902-150	CNTRL BD, 4-20 MA/STOP: F, G	230V
52	L0700901-200	CNTRL BD, 4-20 MA/STOP: H	115V
52	L0700902-200	CNTRL BD, 4-20MA/STOP: H	230V
52	L0709201-220	CNTRL BD, 4-20MA/STP, LVH7, LP/LVH8	115V
52	L0709202-220	CNTRL BD, 4-20MA/STP, LVH7, LP/LVH8	230V
52	L0701900-150	CNTRL BD, E - DC	
52	L9906500-000	CNTRL BD, 0, 5 SIZE SING FUNC	115V
52	L9906600-000	CNTRL BD, 0, 5 SIZE SING FUNC	230V
52	L9906201-000	CNTRL BD, C+, A+	115V
52	L9906202-000	CNTRL BD, C+, A+	230V
52	L0702701-125	CNTRL BD, LM A, B, C, D, E/K2, 3	115V
52	L0702702-125	CNTRL BD, LM A, B, C, D, E/K2, 3	230V
52	L0702901-125	CNTRL BD, LM A, B, C, D, E/K2, 3	115V
52	L0702902-125	CNTRL BD, LM A, B, C, D, E/K2, 3	230V
52	L0703801-150	CNTRL BD, LM F, G, K5	115V
52	L0703802-150	CNTRL BD, LM F, G, K5	230V
52	L0703701-150	CNTRL BD, LM F, G, K5	115V
52	L0703702-150	CNTRL BD, LM F, G, K5	230V
52	L0702801-190	CNTRL BD, LM H, K7 Signal Relay	115V
52	L0702802-190	CNTRL BD, LM H, K7 Signal Relay	230V
52	L0703001-190	CNTRL BD, LM H, K7	115V
52	L0703002-190	CNTRL BD, LM H, K7	230V
52	L0705006-120	CNTRL BD, EXT, C+, A+	230V
52	L0705106-120	CNTRL BD, EXT, SERIES C	230V
52	L0705110-120	CNTRL BD, EXT, C (LC54)	230V
53	L0601200-000	CNTRL PNL, SERIES MP SIGNAL, H & K7	
53	L0601300-000	CNTRL PNL, SERIES MP SIGNAL	
53	L0601400-000	CNTRL PNL, SERIES MP POWER	
53	L0601500-000	CNTRL PNL, SERIES MP POWER, H & K7	
53	L0601600-000	CNTRL PNL (ALL H & K7 PUMPS)	
54	L1600400-000	DUST COVER, CONT PNL	HSG #3
54	L1600500-000	DUST COVER, CONT PNL	HSG #2
55	L2000100-040	SHAFT, ADJ FEMALE .040	HSG #2,3
55	L2000100-080	SHAFT, ADJ FEMALE .080	HSG #2,3
55	L2000200-040	SHAFT, ADJ FEMALE .040	HSG #1