



1/2" PERFORMANCE PLUS PLASTIC MODELS

BALL CHECK VALVE CONFIGURATION SERIAL NUMBERS 104560 AND ABOVE

Refer to Bulletin P-605
Operating and Service Guide O-1225

ITEM	DESCRIPTION	QTY PER PUMP	MODELS	PART NO.	MATERIAL
1	AIR VALVE END PLUG	1	ALL MODELS	71-1703-60	POLYPRO
2	AIR VALVE SPOOL	1	ALL MODELS	71-0480-31	ACETAL
4	AIR VALVE GASKET	1	ALL MODELS	71-2116-19	NITRILE
5	SHUTTLE PLATE	1	ALL MODELS	71-0416-77	CERAMIC
6	SHUTTLE	1	ALL MODELS	71-0415-00	SPECIAL
7	AIR VALVE BODY	1	ALL MODELS	71-1614-60	POLYPRO
8	SLT WSHD SCREW (#8 X 1")	8	ALL MODELS	71-2525-26	SS
10	FLAT WASHER	6	ALL MODELS	71-2300-26	SS
11	CAP SCREW (1/4" X 4-1/2")	4	ALL MODELS	71-2513-26	SS
13	DIAPHRAGM ROD (Short)	1	ALL MODELS	*	SS
14	END SPACER (Pilot Sleeve)	2	ALL MODELS	71-0204-40	POLYPRO
15	DIAPHRAGM ROD (Long)	1	ALL MODELS	*	SS
16	FLNG BOLT(5/16" X 1-5/8")	24	ALL MODELS	71-2539-26	SS
17	HEX NUT (1/4" - 20)	4	ALL MODELS	71-2600-26	SS
18	FLNG HEX NUT (5/16" - 18)	24	ALL MODELS	71-2608-26	SS
19	O-RING (Manifolds)	4	PB, KB, NB, CB PT, KT, NT, CT PE, KE, NE, CE PV, KV, NV, CV	71-1936-11 71-1936-17 71-1936-15 71-1936-13	NITRILE PTFE EPDM VITON
23	SUCTION MANIFOLD	1	P -PUMPS K -PUMPS N -PUMPS C -PUMPS	71-0553-40 71-0553-56 71-0553-42 71-0553-46	POLYPRO PVDF NYLON COND. NYLON
24	SELF TAP SCREW (#6 X 1/2")	6	ALL MODELS	71-2510-26	SS
25	LOCK WASHER	4	ALL MODELS	71-2350-26	SS
26	VALVE SEAT	4	P -PUMPS K -PUMPS N, C -PUMPS	71-0906-40 71-0906-56 71-0906-56	POLYPRO PVDF PVDF
27	BALL	4	PB, KB, NB, CB PT, KT, NT, CT PE, KE, NE, CE PV, KV, NV, CV	71-1000-11 71-1000-45 71-1000-23 71-1000-13	NITRILE PTFE SANTO VITON
	STAINLESS STEEL	OPT	ALL MODELS	71-1000-26	SS
28	OUTER CHAMBER	2	P -PUMPS K -PUMPS N -PUMPS C -PUMPS	71-0720-40 71-0720-56 71-0720-42 71-0720-46	POLYPRO PVDF NYLON COND. NYLON
29	OUTER DIAPHRAGM PLATE	2	P -PUMPS K -PUMPS N -PUMPS C -PUMPS	71-1200-40 71-1200-56 71-1200-42 71-1200-46	POLYPRO PVDF NYLON COND. NYLON
30	OVERLAY	2	PT, KT, NT, CT	71-1400-59	PTFE

ITEM	DESCRIPTION	QTY PER PUMP	MODELS	PART NO.	MATERIAL
31	DIAPHRAGM	2	PB, KB, NB, CB PT, KT, NT, CT PE, KE, NE, CE PV, KV, NV, CV	71-0600-19 71-0600-23 71-0600-23 71-0600-13	GEOLAST SANTO SANTO VITON
32	DISCHARGE MANIFOLD	1	P -PUMPS K -PUMPS N -PUMPS C -PUMPS	71-0554-40 71-0554-56 71-0554-42 71-0554-46	POLYPRO PVDF NYLON COND. NYLON
33	INNER DIAPHRAGM PLT	2	P -PUMPS K -PUMPS N -PUMPS C -PUMPS	71-1100-40 71-1100-56 71-1100-42 71-1100-46	POLYPRO PVDF NYLON COND. NYLON
34	INTERMEDIATE	1	ALL MODELS	71-1521-60	POLYPRO
36	MUFFLER PLATE	1	ALL MODELS	71-3111-60	POLYPRO
37	EXTERNAL MUFFLER	1	ALL MODELS	71-3008-00	SPECIAL
38	O-RING (Valve Seat)	4	PB, KB, NB, CB PT, KT, NT, CT PE, KE, NE, CE PV, KV, NV, CV	71-1937-11 71-1937-17 71-1937-15 71-1937-13	NITRILE PTFE EPDM VITON
39	GASKET (Muffler Plate)	1	ALL MODELS	71-2117-19	NITRILE
40	LIP SEAL (Diaphragm Rod)	2	ALL MODELS	71-2000-76	NITRILE
41	RETAINING PLATE	2	ALL MODELS	71-2708-40	POLYPRO
42	O-RING (End Spacer)	2	ALL MODELS	71-1923-11	NITRILE
43	AIR VALVE LIP SEAL	2	ALL MODELS	71-2003-76	NITRILE
44	O-RING (Valve End Plug)	1	ALL MODELS	71-1913-11	NITRILE
45	PILOT SLEEVE	1	ALL MODELS	71-0105-31	ACETAL
46	O-RING (Pilot Sleeve)	4	ALL MODELS	71-1920-16	URETHANE
47	INNER SPACER (Pilot Sleeve)	3	ALL MODELS	71-0203-40	POLYPRO

* NOTE: DIAPHRAGM ROD AVAILABLE ONLY AS AN ASSEMBLY.

DIAPHRAGM ROD ASSEMBLY Items 13 & 15	1	ALL MODELS	73-3000-00	SS
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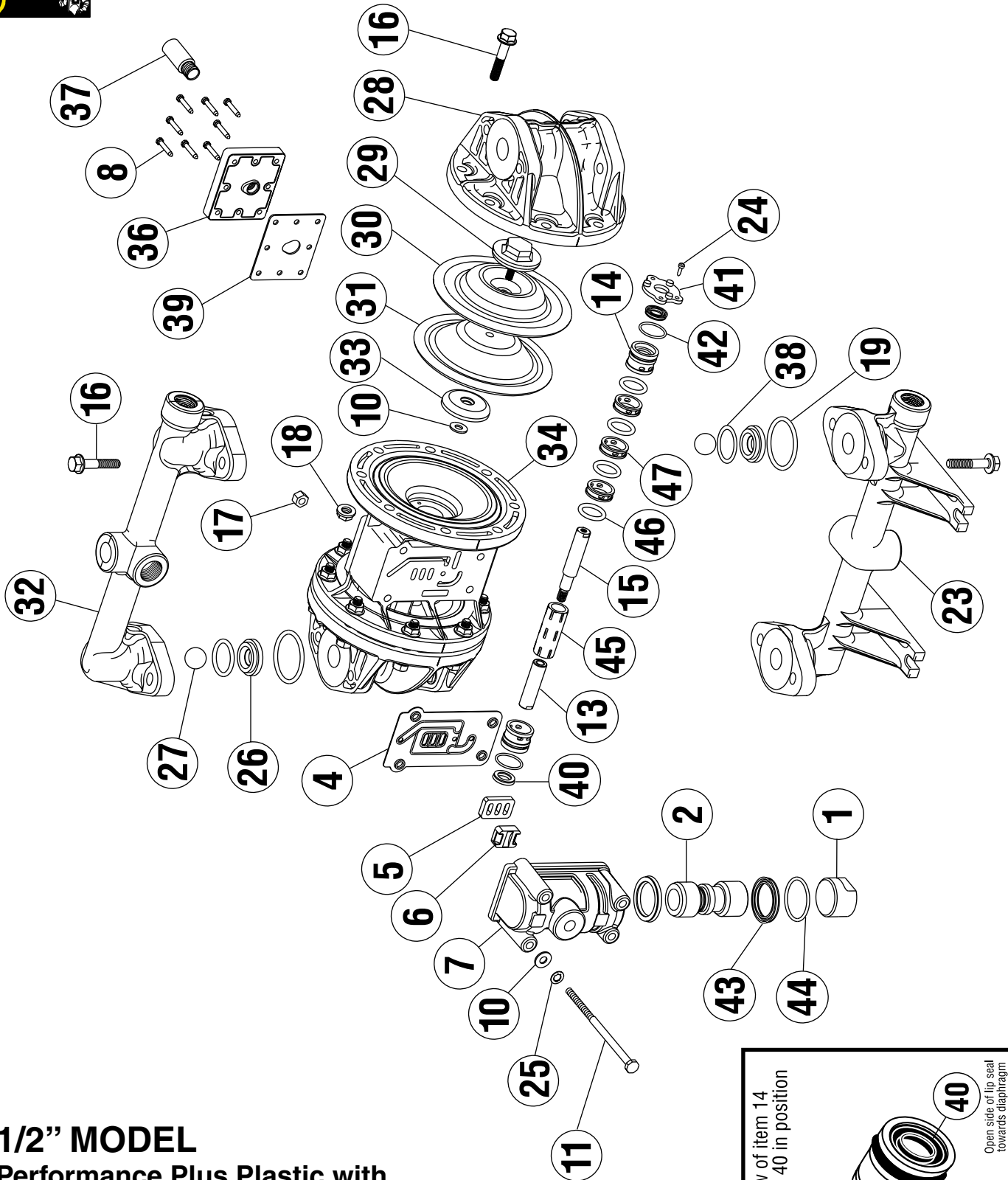
OPTIONAL ASSEMBLIES AVAILABLE

AIR VALVE ASSEMBLY Items 1,2,4,5,6,7,43,44	1	ALL MODELS	74-2000-60	POLYPRO
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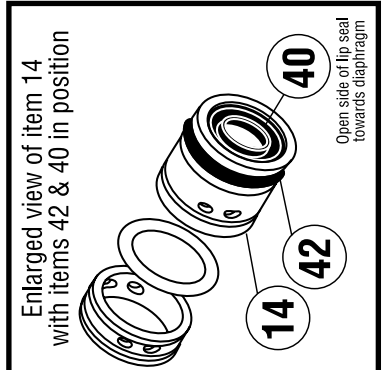
PILOT SLEEVE ASSEMBLY Items 14,40,42,45,46,47	1	ALL MODELS	74-1000-00	VARIOUS
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REPAIR KITS - WET END Includes items 19, 26, 27, 31, 38 & (30 - Used in pumps built w/ PTFE) To order a wet end repair kit, add "KIT" to the pump model. E.G. PB-05 KIT				
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NOTES: 1. SS = STAINLESS STEEL



1/2" MODEL
Performance Plus Plastic with
Ball Check Valve Configuration
Serial Numbers
104560 and Above





1/2" PERFORMANCE PLUS METALLIC MODELS

SERIAL NUMBERS 113000 AND ABOVE

ITEM	DESCRIPTION	QTY PER PUMP	MODELS	PART NO.	MATERIAL
1	AIR VALVE END PLUG	1	ALL MODELS	71-1703-60	POLYPRO
2	AIR VALVE SPOOL	1	ALL MODELS	71-0480-31	ACETAL
4	AIR VALVE GASKET	1	ALL MODELS	71-2116-19	NITRILE
5	SHUTTLE PLATE	1	ALL MODELS	71-0416-77	CERAMIC
6	SHUTTLE	1	ALL MODELS	71-0415-00	SPECIAL
7	AIR VALVE BODY	1	ALL MODELS	71-1614-60	POLYPRO
8	SLT WSHD SCREW (#8 X 1")	8	ALL MODELS	71-2525-26	SS
10	FLAT WASHER (1/4")	14	ALL MODELS	71-2300-26	SS
11	CAP SCREW (1/4" X 4-1/2")	4	ALL MODELS	71-2513-26	SS
12	FLAT WASHER (5/16")	16	ALL MODELS	71-2314-26	SS
13	DIAPHRAGM ROD (Short)	1	ALL MODELS	*	SS
14	END SPACER (Pilot Sleeve)	2	ALL MODELS	71-0204-40	POLYPRO
15	DIAPHRAGM ROD (Long)	1	ALL MODELS	*	SS
16	HEX BOLT (5/16" X 1-3/8")	16	ALL MODELS	71-2546-26	SS
17	HEX NUT (1/4" - 20)	4	ALL MODELS	71-2600-26	SS
18	FLANGE HEX NUT (5/16" - 18)	16	ALL MODELS	71-2608-26	SS
19	HEX HEAD (1/4" - 20 X 1-3/4")	8	ALL MODELS	71-2500-26	SS
21	MANIFOLD PLUG	3	A -PUMPS S -PUMPS	71-2208-20 71-2208-26	AL SS
23	SUCTION MANIFOLD	1	A -PUMPS S -PUMPS	71-0514-20 71-0514-26	AL SS
25	LOCK WASHER	4	ALL MODELS	71-2350-26	SS
26	VALVE SEAT	4	S -PUMPS AB, AE, AV AT	71-0900-26 71-0900-40 71-0900-42	SS POLYPRO NYLON
27	BALL	4	AB, SB AT, SP AE, SE AV, SV	71-1000-11 71-1000-45 71-1000-23 71-1000-13	NITRILE PTFE SANTO VITON
	STAINLESS STEEL	OPT	ALL MODELS	71-1000-26	SS
28	OUTER CHAMBER	2	A -PUMPS S -PUMPS	71-0720-20 71-0720-26	AL SS
29	OUTER DIAPHRAGM PLATE	2	A -PUMPS S -PUMPS	71-1208-20 71-1208-26	AL SS
30	OVERLAY	2	AT, SP	71-1400-59	PTFE
31	DIAPHRAGM	2	AB, SB AE, AT, SE, SP AV, SV	71-0600-19 71-0600-23 71-0600-13	GEOLAST SANTO VITON
32	DISCHARGE MANIFOLD	1	A -PUMPS S -PUMPS	71-0520-20 71-0520-26	AL SS

ITEM	DESCRIPTION	QTY PER PUMP	MODELS	PART NO.	MATERIAL
33	INNER DIAPHRAGM PLATE	2	ALL MODELS	71-1100-40	POLYPRO
34	INTERMEDIATE	1	ALL MODELS	71-1521-60	POLYPRO
36	MUFFLER PLATE	1	ALL MODELS	71-3111-60	POLYPRO
37	EXTERNAL MUFFLER	1	ALL MODELS	71-3008-00	SPECIAL
38	O-RING (Valve Seat)	4	AB, SB AT, SP AE, SE AV, SV	71-1904-11 71-1904-17 71-1904-15 71-1904-13	NITRILE PTFE EPDM VITON
39	GASKET (Muffler Plate)	1	ALL MODELS	71-2117-19	NITRILE
40	LIP SEAL (Diaphragm Rod)	2	ALL MODELS	71-2000-76	NITRILE
41	RETAINING PLATE	2	ALL MODELS	71-2708-40	POLYPRO
42	O-RING (End Spacer)	2	ALL MODELS	71-1923-11	NITRILE
43	LIP SEAL (Air Valve)	2	ALL MODELS	71-2003-76	NITRILE
44	O-RING (Air Valve End Plug)	1	ALL MODELS	71-1913-11	NITRILE
45	PILOT SLEEVE	1	ALL MODELS	71-0105-31	ACETAL
46	O-RING (Pilot Sleeve)	4	ALL MODELS	71-1920-16	URETHANE
47	INNER SPACER (Pilot Sleeve)	3	ALL MODELS	71-0203-40	POLYPRO

* NOTE: DIAPHRAGM ROD AVAILABLE ONLY AS AN ASSEMBLY.

DIAPHRAGM ROD ASSEMBLY Items 13 & 15	1	ALL MODELS	73-3000-00	SS
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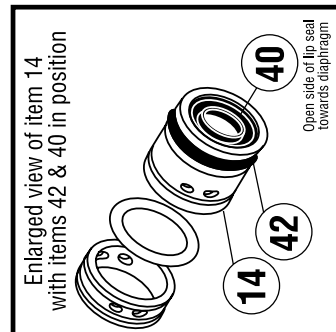
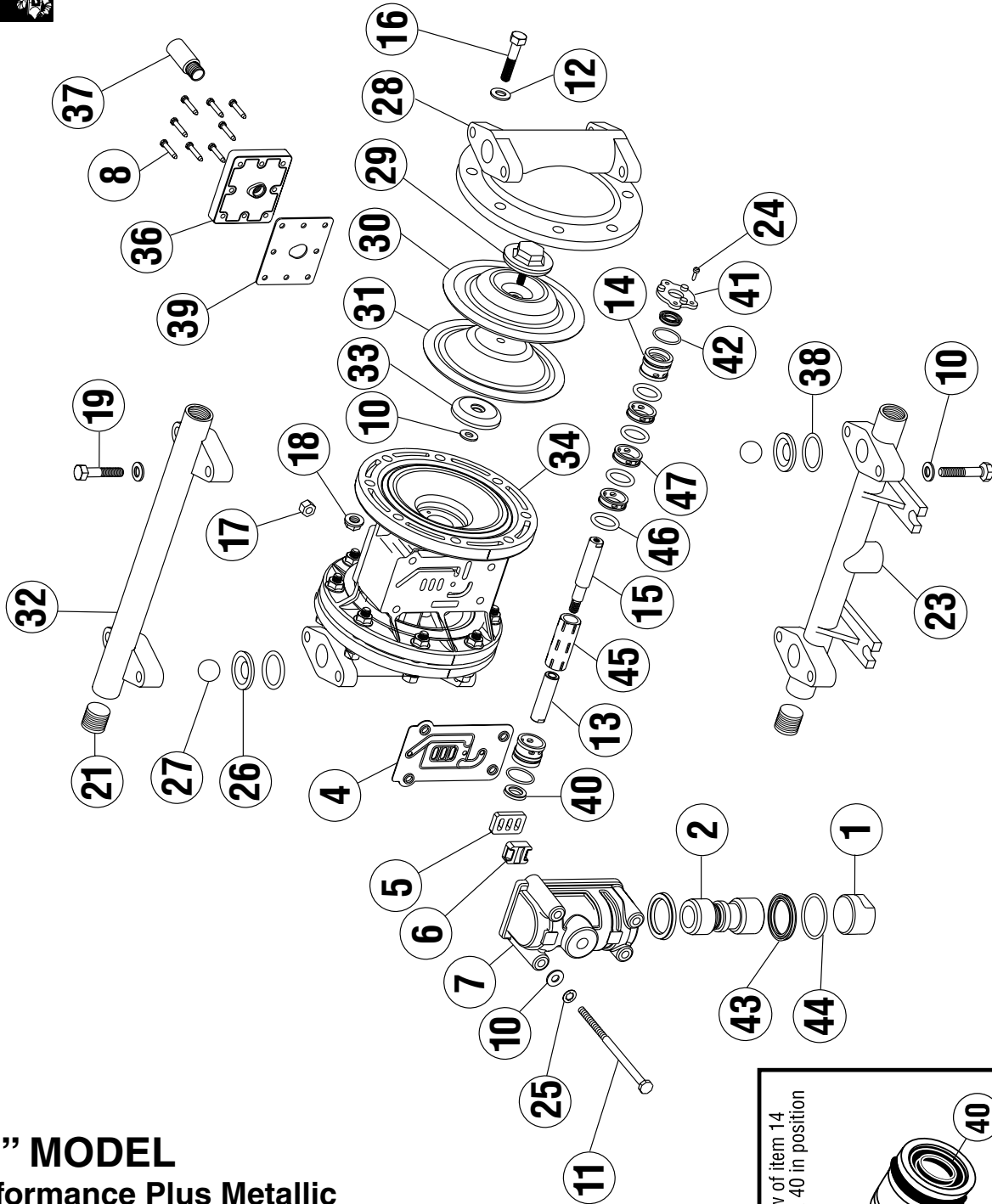
OPTIONAL ASSEMBLIES AVAILABLE

AIR VALVE ASSEMBLY Items 1,2,4,5,6,7,43,44	1	ALL MODELS	74-2000-60	POLYPRO
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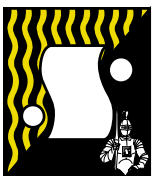
PILOT SLEEVE ASSEMBLY Items 14,40,42,45,46,47	1	ALL MODELS	74-1000-00	VARIOUS
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REPAIR KITS - WET END includes items 26, 27, 31, 38 & (30 - Used in pumps built w/ PTFE) To order a wet end repair kit, add "KIT" to the pump model. e.g. AB-05 KIT				
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NOTES:
1. SS = STAINLESS STEEL AL = ALUMINUM



1/2" MODEL
Performance Plus Metallic
Serial Numbers
113000 and Above



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