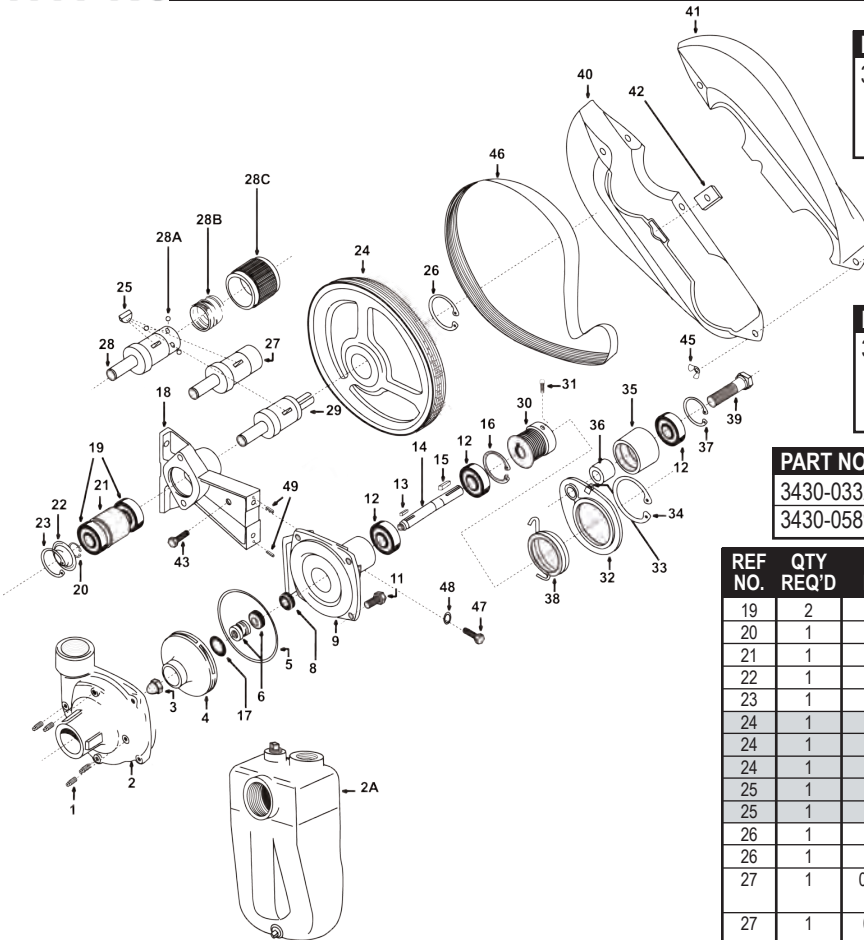


PUMPS

HYPRO®

9403 & 9403-SP SERIES REPLACEMENT PARTS

HYPRO PUMPS



PART NO.	DESCRIPTION
3430-0476	Repair Kit For 540 RPM Drives consists of: (1) Poly V-Belt (Ref. 46), (1) O-ring (Ref. 5), (1) Mechanical Seal (Ref. 6), (1) Gasket (Ref. 17)

**CATALOG IS LIST PRICE
PLEASE APPLY DISCOUNT**

PART NO.	DESCRIPTION
3430-0477	Repair Kit For 1000 RPM Drives consists of: (1) Poly V-Belt (Ref. 46), (1) O-ring (Ref. 5), (1) Mechanical Seal (Ref. 6), (1) Gasket (Ref. 17)

PART NO.	DESCRIPTION
3430-0332	Mechanical Seal Kit Includes Items 5, 6 & 17
3430-0589	Silicon Carbide Seal Kit Includes Items 5 & 6

REF NO.	QTY REQ'D	PART NO.	DESCRIPTION
1	4	2406-0016	Drain Plug - Replaced 2406-0007
2	1	0150-9000C	Pump Casing (Model 9403C)
2	1	0150-9000S1	Pump Casing (Model 9403S)
2	1	0150-9200C	Pump Casing (Model 9402C)
2A	1	3430-0480SP	Pump Casing (Model 9403C-SP)
3	1	2253-0002	Impeller Nut
3	1	3430-0825	Impeller Nut (Model 9403S)
4	1	0401-9100P	Impeller (Nylon)(standard)
4	1	0402-9100P	Impeller (Polypropylene)(9403S std)
5	1	1720-0083	O-ring
6	1	2120-0008	Mechanical Seal (Buna-N)
6	1	3430-0332	Mechanical Seal - Kit Only
6	1	3430-0589	Mechanical Seal (Silicon Carbide) - Kit Only
8	1	1410-0056	Slinger Ring
9	1	0750-9200C3	Mounting Flange
9	1	0756-9200S	Mounting FLange (Model 9403S)
10	1	6031-0252	Nameplate - Not Available
11	4	2210-0020	Bolt
11	4	2210-0125	Bolt (Model 9403S)
12	3	2000-0010	Ball Bearing
13	1	1610-0015	Key
14	1	3430-0844	Pump Shaft
15	1	1610-0004	Key
16	1	1820-0013	Bearing Retainer
17	1	1700-0100	Gasket
18	1	0703-9400D	Pedestal Bracket

REF NO.	QTY REQ'D	PART NO.	DESCRIPTION
19	2	2001-0006	Driver Shaft Bearings
20	1	1810-0012	Driver Shaft Bearing Retainer Ring
21	1	1410-0094	Bearing Spacer
22	1	2840-0053	End Cap (label)
23	1	1820-0032	Bearing Bore Retaining ring
24	1	3115-0031	Driver Pulley (540 RPM)
24	1	3115-0032	Driver Pulley (1000 RPM)
24	1	3115-0033	Driver Pulley (1000 RPM, 1 3/4" Shaft)
25	1	1610-0033	Key (Driver Pulley)
25	1	1610-0034	Key (Driver Pulley, 1 3/4" Shaft)
26	1	1810-0031	Retaining Ring (Driver Pulley)
26	1	1810-0032	Retaining Ring (Dr. Pulley-1 3/4" Shaft)
27	1	0555-9400F1	Shaft - 540 RPM (3430-0207 kit used on 0555-9400F & 0556-9400F shafts)
27	1	0556-9400F	Shaft - 1000 RPM (3430-0207 kit used on 0555-9400F & 0556-9400F shafts)
27	1	0557-9400F	Shaft - 1 3/4" 1000 RPM (3430-0190 kit used on 0557-9400F shaft)
28	1	0555-9400F1	Shaft-540 Quick Coupler
28A	3	3250-0004	Locking Ball
28B	1	1900-0115	Collar Spring
28C	1	1400-0021	Collar
29	1	3430-0843	Shaft Kit (1" Solid) *REPLACES 0503-9400
30	1	3115-0034	Driven Pulley (5/8" Diameter Bore)
31	2	2230-0003	Set Screw for Driven Pulley
32	1	0706-9400C	Idler Bracket (Cast Iron Pumps)
33	1	2405-0003	Grease Zerk Fitting - Not Available
34	1	1810-0036	Retaining Ring (Idler Bracket, Cast Iron)
35	1	3115-0036	Idler Pulley
36	1	1410-0095	Spacer (Idler Pulley)
37	1	1820-0013	Retaining Ring (Idler Pulley)
38	1	1900-0156	Torsion Spring (Idler for Cast Iron)
39	1	2210-0111	Idler Bolt / Shaft
40	1	2840-0075	Belt Shield
41	1	2840-0076	Belt Shield
42	1	1520-0062	Bracket for Belt Shield
43	1	2210-0021	Attachment Bolt for Shield
44	4	2240-0017	Assembly Bolts for Shield
45	4	2252-0002	Assembly Nuts for Shield
46	1	3100-0006	Poly V-Belt (540 RPM)
46	1	3100-0005	Poly V-Belt (1000 RPM)
47	2	2210-0055	Bolts for Pump to Bracket
48	2	2260-0006	Lock Washers for Bracket Bolts
49	2	1600-0070	Roll Pin

9403C-540, 9403S-540

RPM	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI	GPM at 80 PSI	GPM at 90 PSI	GPM at 100 PSI
450	107	99	86	50					
500	121	116	106	93	76	42			
540	129	127	120	111	98	80	50		
600	140	138	135	130	121	112	94	73	40

9403C-1000, 9403S-1000

RPM	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI	GPM at 80 PSI	GPM at 90 PSI	GPM at 100 PSI
800	115	106	96	80	56				
900	129	127	120	111	98	80	50		
1000	140	139	137	133	128	119	100	76	46

9403C-540-SP

RPM	GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI	GPM at 80 PSI	GPM at 90 PSI
500	114	113	101	83	60	27			
540	120	119	116	102	85	62	32		
600	120	120	120	119	110	97	78	54	24

9403C-1000-SP

RPM	GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI	GPM at 80 PSI	GPM at 90 PSI
800	111	109	94	74	47	21			
900	120	119	116	102	85	62	32		
1000	120	120	120	119	110	97	78	54	24

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