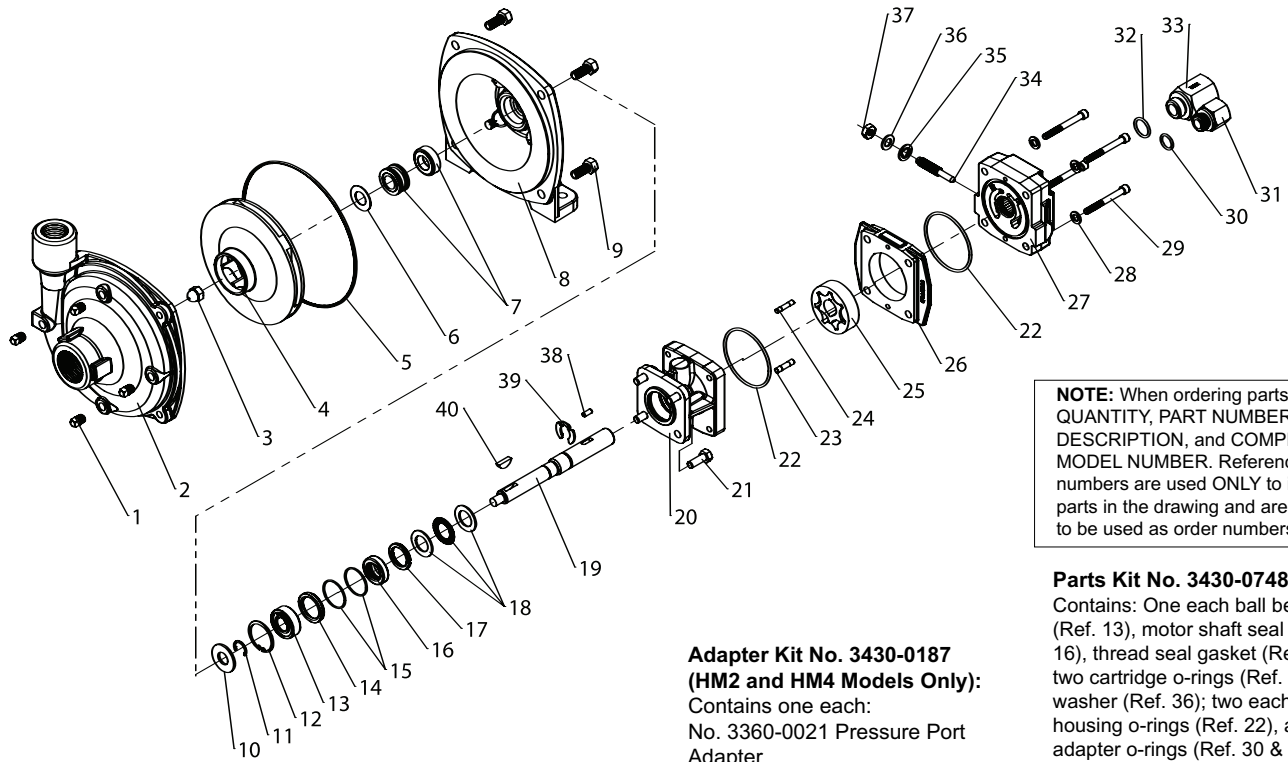




NOTE: When ordering parts, give QUANTITY, PART NUMBER, DESCRIPTION, and COMPLETE MODEL NUMBER. Reference numbers are used ONLY to identify parts in the drawing and are NOT to be used as order numbers.

Repair Parts Kit No. 3430-0332

Contains: One o-ring (Ref. 5), one rubber gasket (Ref. 6), and one mechanical seal (Ref. 7).

Silicon Seal Kit No. 3430-0589

Contains one each: 1720-0083 o-ring (Ref. 5) and mechanical seal (silicon carbide) (Ref. 7).

Adapter Kit No. 3430-0187 (HM2 and HM4 Models Only):

Contains one each:
No. 3360-0021 Pressure Port Adapter
No. 3373-0020 (Size #1)
No. 3373-0021 (Size #2)
No. 3373-0022 (Size #3)
No. 1720-0108 Adapter O-ring and
No. 1720-0105 Orifice O-ring (Qty. 3)

Parts Kit No. 3430-0748

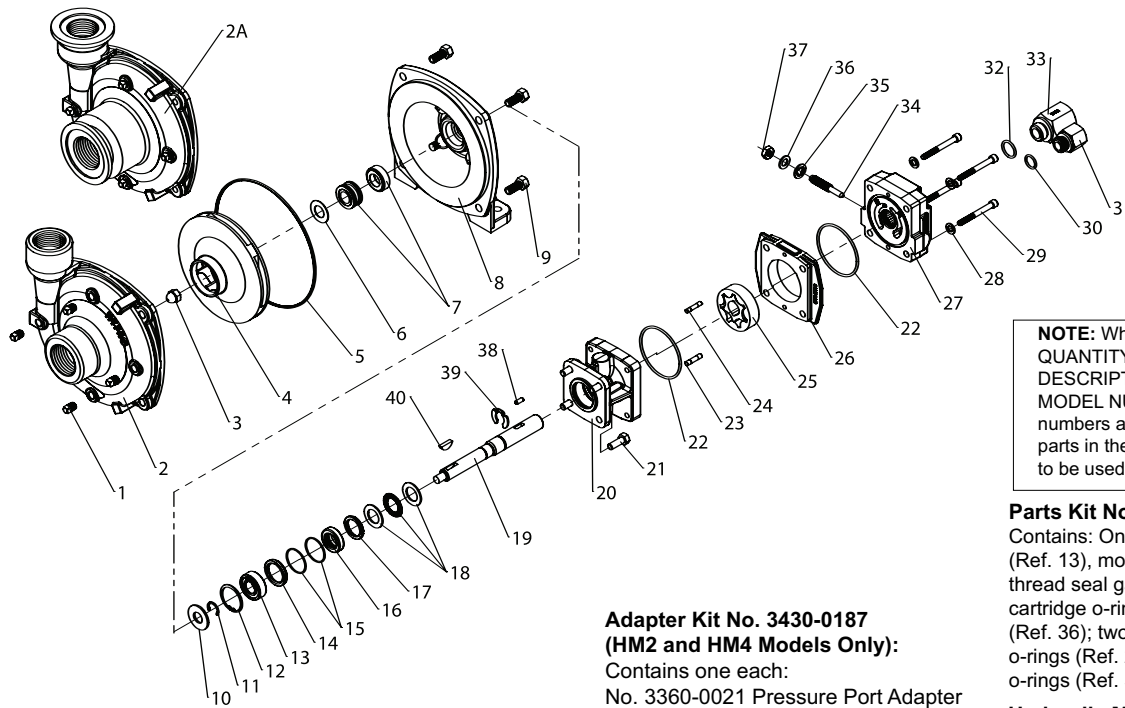
Contains: One each ball bearing (Ref. 13), motor shaft seal (Ref. 16), thread seal gasket (Ref. 35), two cartridge o-rings (Ref. 15) and washer (Ref. 36); two each motor housing o-rings (Ref. 22), and port adapter o-rings (Ref. 30 & 32).

Hydraulic Motor Part Nos.

2500-0081C (HM1C Models)
2500-0082C (HM2C Models)
2500-0084C (HM4C Models)

Ref. No.	Qty. Req'd.	Part No.	Description
1	4	2406-0007	Drain/Vent Plug (9302C)
1	4	2406-0016	Drain/Vent Plug (9302S)
2	1	0150-9200C	Pump Casing (Model 9302C)
2A	1	0156-9200S	Pump Casing (Model 9302S)
3	1	2253-0002	Impeller Nut (9302C)
3	1	2253-0006	Impeller Nut (9302S)
4	1	0401-9100P	Impeller (Nylon Std. 9302C)
4	1	0402-9100P	Impeller (Polypropylene Optional) (Std 9302S)
5	1	1720-0083	O-ring
6	1	1700-0100	Gasket
7	1	2120-0009	Mechanical Seal (Viton/Ceramic) (Std 9302C)
7	1	3430-0589	Mechanical Seal (Silicon Carbide) (Std 9302S)
8	1	0750-9300C	Mounting Flange (9302C)
8	1	0756-9300S	Mounting Flange (9302S)
9	4	2210-0020	Hex Head Cap Screw (9302C)
9	4	2210-0125	Hex Head Cap Screw (9302S)
10	1	1410-0056	Slinger Ring
11	1	1810-0014	Snap Ring
12	1	1820-0013	Retaining Ring
13	1	2000-0010	Ball Bearing
14	1	1410-0131	Cartridge, Front
15	2	1720-0268	O-ring
16	1	2104-0010	Lip Seal
17	1	1410-0130	Seal Spacer
18	1	2029-0014	Thrust Bearing Assembly
19	1	0531-2500	Shaft (HM2C/HM4C)
19	1	0533-2500	Shaft (HM1C)
20	1	0150-2500C	Motor Body (includes needle bearing)
21	4	2210-0005	Hex Head Cap Screw

Ref. No.	Qty. Req'd.	Part No.	Description
22	2	1720-0110	O-ring
23	1	1600-0045	Dowel Pin (HM2C / HM4C)
23	1	1600-0044	Dowel Pin (HM1C)
24	1	1600-0042	Dowel Pin (HM2C / HM4C)
24	1	1600-0037	Dowel Pin (HM1C)
25	1	3900-0022	Gerotor (HM1C)
25	1	3900-0023	Gerotor (HM2C)
25	1	3900-0025	Gerotor (HM4C)
26	1	0701-2500C1	Gerotor Housing (HM2C Models) 1/4" wide
26	1	0700-2500C1	Gerotor Housing (HM1C Models) 1/2" wide
26	1	0703-2500C1	Gerotor Housing (HM4C Models) 5/16" wide
27	1	0254-2500C2	Motor End Plate (includes needle bearing)
28	4	2270-0039	Washer
29	4	2220-0045	Cap Screw (HM2C / HM4C Models)
29	4	2220-0021	Cap Screw (HM1C Models)
30	1	1720-0108	O-ring
31	1	3360-0021A	Pressure Port Adapter (includes o-ring)
32	1	1720-0262	O-ring
33	1	3320-0051A	Tank Port Adapter (includes o-ring)
34	1	3220-0029	Bypass Adjusting Screw
35	1	1700-0047	Gasket
36	1	2270-0027	Washer
37	1	2250-0038	Lock Nut
38	1	1610-0032	Roll Pin (HM2C / HM4C)
38	1	1610-0031	Roll Pin (HM1C)
39	1	1810-0026	Snap Ring
40	1	1610-0012	Woodruff Key (9302C)
40	1	04432	Woodruff Key (9302S)



NOTE: When ordering parts, give QUANTITY, PART NUMBER, DESCRIPTION, and COMPLETE MODEL NUMBER. Reference numbers are used ONLY to identify parts in the drawing and are NOT to be used as order numbers.

Parts Kit No. 3430-0748

Contains: One each ball bearing (Ref. 13), motor shaft seal (Ref. 16), thread seal gasket (Ref. 35), two cartridge o-rings (Ref. 15) and washer (Ref. 36); two each motor housing o-rings (Ref. 22), and port adapter o-rings (Ref. 30 & 32).

Hydraulic Motor Part Nos.

2500-0081C (HM1C Models)
2500-0082C (HM2C Models)
2500-0083C (HM3C Models)
2500-0084C (HM4C Models)
2500-0085C (HM5C Models)

Repair Parts Kit No. 3430-0332

Contains: One o-ring (Ref. 5), one rubber gasket (Ref. 6), and one mechanical seal (Ref. 7).

Silicon Seal Kit No. 3430-0589

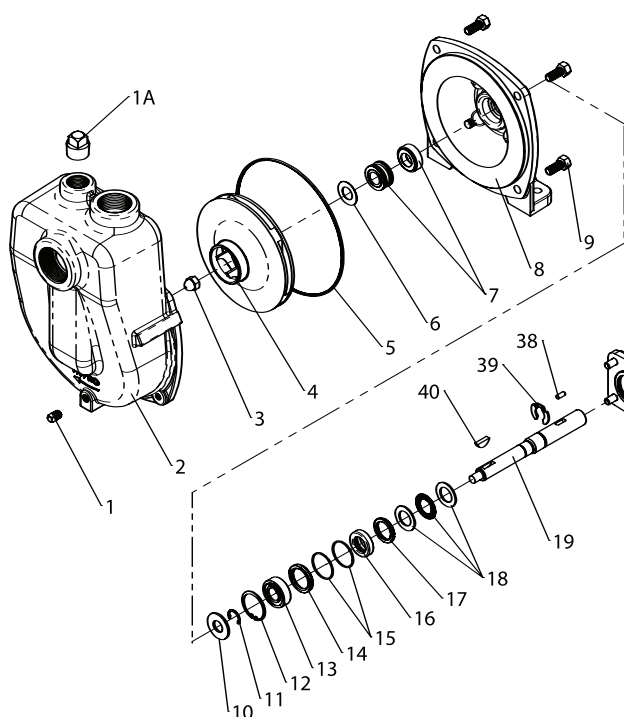
Contains one each:
1720-0083 o-ring (Ref. 5)
and one mechanical seal (silicon carbide) (Ref. 7).

Adapter Kit No. 3430-0187 (HM2 and HM4 Models Only):

Contains one each:
No. 3360-0021 Pressure Port Adapter
No. 3373-0020 (Size #1)
No. 3373-0021 (Size #2)
No. 3373-0022 (Size #3).
No. 1720-0108 Adapter O-ring and
No. 1720-0105 Orifice O-ring (Qty 3).

Ref. No.	Qty. Req'd.	Part No.	Description
1	4	2406-0007	Drain/Vent Plug (9303C)
1	4	2406-0016	Drain/Vent Plug (9303S)
2	1	0150-9000C	Pump Casing (Model 9303C)
2	1	0150-9000S	Pump Casing (Model 9303S)
2A	1	0153-9000C	Pump Casing (Universal Flange Model C-U)
3	1	2253-0002	Impeller Nut (9303C)
3	1	2253-0006	Impeller Nut (9303S)
4	1	0401-9100P	Impeller (Nylon Std. 9303C)
4	1	0402-9100P	Impeller (Polypropylene Optional) (Std 9303S)
5	1	1720-0083	O-ring
6	1	1700-0100	Gasket
7	1	2120-0009	Mechanical Seal (Viton/Ceramic) (Std 9303C)
7	1	3430-0589	Mechanical Seal (Silicon Carbide) (Std 9303S)
8	1	0750-9300C	Mounting Flange (9303C)
8	1	0756-9300S	Mounting Flange (9303S)
9	4	2210-0020	Hex Head Cap Screw (9303C)
9	4	2210-0125	Hex Head Cap Screw (9303S)
10	1	1410-0056	Slinger Ring
11	1	1810-0014	Snap Ring
12	1	1820-0013	Retaining Ring
13	1	2000-0010	Ball Bearing
14	1	1410-0131	Cartridge, Front
15	2	1720-0268	O-ring
16	1	2104-0010	Lip Seal
17	1	1410-0130	Seal Spacer
18	1	2029-0014	Thrust Bearing Assembly
19	1	0531-2500	Shaft (HM2C/HM4C)
19	1	0533-2500	Shaft (HM1C/HM5C)
19	1	0536-2500	Shaft (HM3C)
20	1	0150-2500C	Motor Body (includes needle bearing)
21	4	2210-0005	Hex Head Cap Screw
22	2	1720-0110	O-ring
23	1	1600-0045	Dowel Pin (HM2C / HM4C)
23	1	1600-0044	Dowel Pin (HM1C/HM5C)
23	1	1600-0052	Dowel Pin (HM3C)

Ref. No.	Qty. Req'd.	Part No.	Description
24	1	1600-0042	Dowel Pin (HM2C / HM4C)
24	1	1600-0037	Dowel Pin (HM1C/HM5C)
24	1	1600-0068	Dowel Pin (HM3C)
25	1	3900-0022	Gerotor (HM1C)
25	1	3900-0023	Gerotor (HM2C)
25	1	3900-0024	Gerotor (HM3C)
25	1	3900-0025	Gerotor (HM4C)
25	1	3900-0048	Gerotor (HM5C)
26	1	0701-2500C1	Gerotor Housing (HM2C Models) 1/4" wide
26	1	0700-2500C1	Gerotor Housing (HM1C Models) 1/2" wide
26	1	0703-2500C1	Gerotor Housing (HM4C Models) 5/16" wide
26	1	0702-2500C1	Gerotor Housing (HM3C Models) 1" wide
26	1	0704-2500C1	Gerotor Housing (HM5C Models) 5/8" wide
27	1	0254-2500C2	Motor End Plate (includes needle bearing)
28	4	2270-0039	Washer
29	4	2220-0045	Cap Screw (HM2C / HM4C Models)
29	4	2220-0021	Cap Screw (HM1C Models)
29	4	2220-0044	Cap Screw (HM3C Models)
29	4	2220-0032	Cap Screw (HM5C Models)
30	1	1720-0108	O-ring
31	1	3360-0021A	Pressure Port Adapter (includes o-ring)
32	1	1720-0262	O-ring
33	1	3320-0051A	Tank Port Adapter (includes o-ring)
34	1	3220-0029	Bypass Adjusting Screw
35	1	1700-0047	Gasket
36	1	2270-0027	Washer
37	1	2250-0038	Lock Nut
38	1	1610-0032	Roll Pin (HM2C / HM4C)
38	1	1610-0031	Roll Pin (HM1C / HM5C)
38	1	1610-0055	Roll Pin (HM3C)
39	1	1810-0026	Snap Ring
40	1	1610-0012	Woodruff Key (9303C)
40	1	04432	Woodruff Key (9303S)


Repair Parts Kit No. 3430-0332

Contains: One o-ring (Ref. 5), one rubber gasket (Ref. 6), and one mechanical seal (Ref. 7).

Silicon Seal Kit No. 3430-0589

Contains one each:
1720-0083 o-ring (Ref. 5)
and mechanical seal (silicon carbide) (Ref. 7).

SP Chamber Kit No. 3430-0480SP

Contains: One chamber with wear ring, (Ref. 2), one o-ring (Ref. 5), one drain/vent plug (Ref. 1) and one vent plug (Ref. 1A).

Hydraulic Motor Part Nos.

2500-0081C (HM1C Models)
2500-0082C (HM2C Models)
2500-0083C (HM3C Models)
2500-0084C (HM4C Models)
2500-0085C (HM5C Models)

NOTE: When ordering parts, give QUANTITY, PART NUMBER, DESCRIPTION, and COMPLETE MODEL NUMBER. Reference numbers are used ONLY to identify parts in the drawing and are NOT to be used as order numbers.

Parts Kit No. 3430-0748

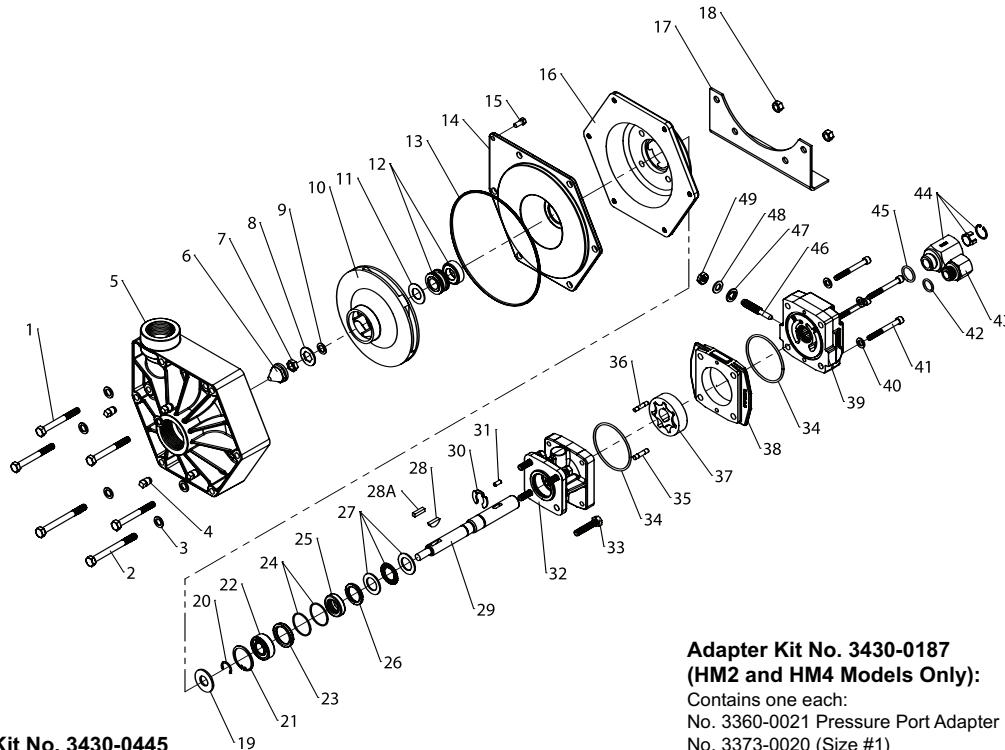
Contains: One each ball bearing (Ref. 13), motor shaft seal (Ref. 16), thread seal gasket (Ref. 35), two cartridge o-rings (Ref. 15) and washer (Ref. 36); two each motor housing o-rings (Ref. 22), and port adapter o-rings (Ref. 30 & 32).

Adapter Kit No. 3430-0187 (HM2 and HM4 Models Only):

Contains one each:
No. 3360-0021 Pressure Port Adapter
No. 3373-0020 (Size #1)
No. 3373-0021 (Size #2)
No. 3373-0022 (Size #3)
No. 1720-0108 Adapter O-ring and
No. 1720-0105 Orifice O-ring (Qty. 3).

Ref. No.	Qty. Req'd.	Part No.	Description
1	1	2406-0007	Drain/Vent Plug (9303C-SP)
1	1	2406-0016	Drain/Vent Plug (9303S-SP)
1A	1	2406-0001	Vent Plug (9303C-SP)
1A	1	7SP34	Vent Plug (9303S-SP)
2	1	3430-0480SP	Pump Casing (9303C-SP)
2	1	0150-9070S	Pump Casing (9303S-SP)
3	1	2253-0002	Impeller Nut (9303C-SP)
3	1	2253-0006	Impeller Nut (9303S-SP)
4	1	0401-9100P	Impeller (Nylon Std. 9303C-SP)
4	1	0402-9100P	Impeller (Polypropylene Optional) (Std 9303S-SP)
5	1	1720-0083	O-ring
6	1	1700-0100	Gasket
7	1	2120-0009	Mechanical Seal (Viton/Ceramic) (Std 9303C-SP)
7	1	3430-0589	Mechanical Seal (Silicon Carbide) (Std 9303S-SP)
8	1	0750-9300C	Mounting Flange (9303C-SP)
8	1	0756-9300S	Mounting Flange (9303S-SP)
9	4	2210-0020	Hex Head Cap Screw (9303C-SP)
9	4	2210-0125	Hex Head Cap Screw (9303S-SP)
10	1	1410-0056	Slinger Ring
11	1	1810-0014	Snap Ring
12	1	1820-0013	Retaining Ring
13	1	2000-0010	Ball Bearing
14	1	1410-0131	Cartridge, Front
15	2	1720-0268	O-ring
16	1	2104-0010	Lip Seal
17	1	1410-0130	Seal Spacer
18	1	2029-0014	Thrust Bearing Assembly
19	1	0531-2500	Shaft (HM2C/HM4C)
19	1	0533-2500	Shaft (HM1C/HM5C)
19	1	0536-2500	Shaft (HM3C)
20	1	0150-2500C	Motor Body (includes needle bearing)
21	4	2210-0005	Hex Head Cap Screw
22	2	1720-0110	O-ring
23	1	1600-0045	Dowel Pin (HM2C/HM4C)

Ref. No.	Qty. Req'd.	Part No.	Description
23	1	1600-0044	Dowel Pin (HM1C/HM5C)
23	1	1600-0052	Dowel Pin (HM3C)
24	1	1600-0042	Dowel Pin (HM2C/HM4C)
24	1	1600-0037	Dowel Pin (HM1C/HM5C)
24	1	1600-0068	Dowel Pin (HM3C)
25	1	3900-0022	Gerotor (HM1C)
25	1	3900-0023	Gerotor (HM2C)
25	1	3900-0024	Gerotor (HM3C)
25	1	3900-0025	Gerotor (HM4C)
25	1	3900-0048	Gerotor (HM5C)
26	1	0701-2500C1	Gerotor Housing (HM2C Models) 1/4" wide
26	1	0700-2500C1	Gerotor Housing (HM1C Models) 1/2" wide
26	1	0703-2500C1	Gerotor Housing (HM4C Models) 5/16" wide
26	1	0702-2500C1	Gerotor Housing (HM3C Models) 1" wide
26	1	0704-2500C1	Gerotor Housing (HM5C Models) 5/8" wide
27	1	0254-2500C2	Motor End Plate (includes needle bearing)
28	4	2270-0039	Washer
29	4	2220-0045	Cap Screw (HM2C/HM4C Models)
29	4	2220-0021	Cap Screw (HM1C Models)
29	4	2220-0044	Cap Screw (HM3C Models)
29	4	2220-0032	Cap Screw (HM5C Models)
30	1	1720-0108	O-ring
31	1	3360-0021A	Pressure Port Adapter (includes o-ring)
32	1	1720-0262	O-ring
33	1	3320-0051A	Tank Port Adapter (includes o-ring)
34	1	3220-0029	Bypass Adjusting Screw
35	1	1700-0047	Gasket
36	1	2270-0027	Washer
37	1	2250-0038	Lock Nut
38	1	1610-0032	Roll Pin (HM2C/HM4C)
38	1	1610-0031	Roll Pin (HM1C/HM5C)
38	1	1610-0055	Roll Pin (HM3C)
39	1	1810-0026	Snap Ring
40	1	1610-0012	Woodruff Key (9303C-SP)
40	1	04432	Woodruff Key (9303S-SP)



NOTE: When ordering parts, give QUANTITY, PART NUMBER, DESCRIPTION, and COMPLETE MODEL NUMBER. Reference numbers are used ONLY to identify parts in the drawing and are NOT to be used as order numbers.

Parts Kit No. 3430-0748

Contains: One each ball bearing (Ref. 22), motor shaft seal (Ref. 25), thread seal gasket (Ref. 47), two cartridge o-rings (Ref. 24) and washer (Ref. 48); two each motor housing o-rings (Ref. 34), and port adapter o-rings (Ref. 42 & 45).

Hydraulic Motor Part Nos.

2500-0181C (HM1C Models)
2500-0182C (HM2C Models)
2500-0183C (HM3C Models)
2500-0184C (HM4C Models)
2500-0185C (HM5C Models)

Adapter Kit No. 3430-0187 (HM2 and HM4 Models Only):

Contains one each:
No. 3360-0021 Pressure Port Adapter
No. 3373-0020 (Size #1)
No. 3373-0021 (Size #2)
No. 3373-0022 (Size #3)
No. 1720-0108 Adapter O-ring and
No. 1720-0105 Orifice O-ring (Qty. 3).

Silicon Seal Parts Kit # 3430-0593

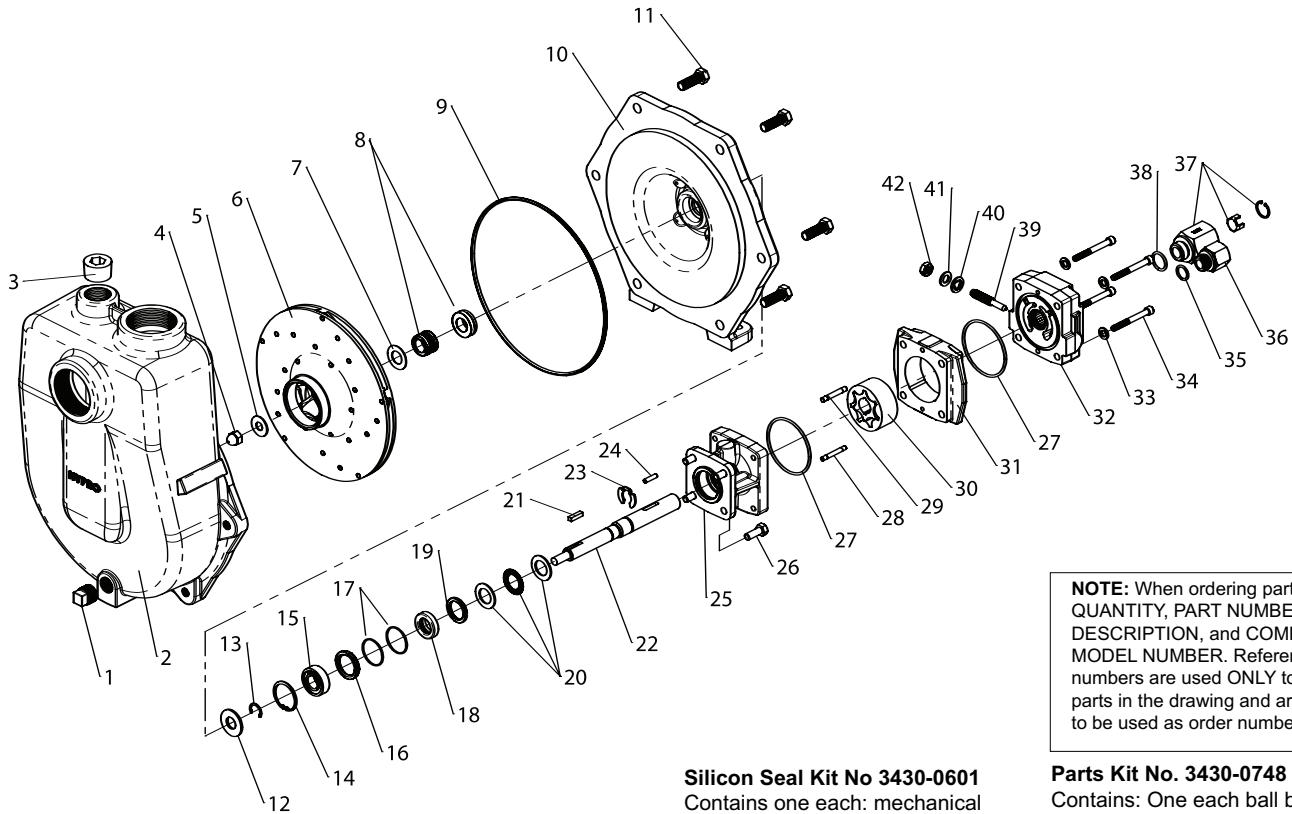
Contains one each:
mechanical seal (Ref. 12) and o-ring (Ref. 13).

Repair Parts Kit No. 3430-0445

Contains: One o-ring (Ref. 13), one rubber gasket (Ref. 11), one mechanical seal (Ref. 12), one gasket (Ref. 8) and one washer (Ref. 9).

Ref. No.	Qty. Req'd.	Part No.	Description
1	4	2210-0087	Hex Head Cap Screw
2	2	2210-0016	Hex Head Cap Screw (Base Only)
3	6	2270-0041	Washer
4	4	2406-0020	Pipe Plug
5	1	0700-9000P	Pump Casing
6	1	2250-0052	Impeller Nut
7	1	2250-0051	Jam Nut
8	1	1700-0097	Gasket (Viton)
9	1	2270-0057	Washer
10	1	0402-9100P	Impeller
11	1	1700-0100	Rubber Gasket
12	1	2120-0009	Mechanical Seal (Viton/Ceramic) (Std 9303P)
12	1	3430-0593	Mechanical Seal (Silicon Carbide) (Optional)
13	1	1721-0083	O-ring
14	1	0750-9300P	Cover
15	1	2210-0088	Screw
16	1	0750-9006C	Intermediate Flange
17	1	1510-0063	Base Plate
18	2	2250-0008	Hex Nut
19	1	1410-0056	Slinger Ring
20	1	1810-0014	Snap Ring
21	1	1820-0013	Retaining Ring
22	1	2000-0010	Ball Bearing
23	1	1410-0131	Cartridge, Front
24	2	1720-0268	O-ring
25	1	2104-0010	Lip Seal
26	1	1410-0130	Seal Spacer
27	1	2029-0014	Thrust Bearing Assembly
28	1	1610-0042	Woodruff Key (9303P all except HM3C)
28A	1	1610-0053	Square Key (9303P-HM3C Only)
29	1	0534-2500	Shaft (HM2C/HM4C)
29	1	0535-2500	Shaft (HM1C/HM5C)
29	1	0537-2500	Shaft (HM3C)
30	1	1810-0026	Snap Ring
31	1	1610-0032	Roll Pin (HM2C / HM4C)

Ref. No.	Qty. Req'd.	Part No.	Description
31	1	1610-0031	Roll Pin (HM1C / HM5C)
31	1	1610-0055	Roll Pin (HM3C)
32	1	0150-2500C	Motor Body (includes needle bearing)
33	4	2210-0021	Hex Head Cap Screw
34	2	1720-0110	O-ring
35	1	1600-0045	Dowel Pin (HM2C / HM4C)
35	1	1600-0044	Dowel Pin (HM1C/HM5C)
35	1	1600-0052	Dowel Pin (HM3C)
36	1	1600-0042	Dowel Pin (HM2C/ HM4C)
36	1	1600-0037	Dowel Pin (HM1C/HM5C)
36	1	1600-0068	Dowel Pin (HM3C)
37	1	3900-0022	Gerotor (HM1C)
37	1	3900-0023	Gerotor (HM2C)
37	1	3900-0024	Gerotor (HM3C)
37	1	3900-0025	Gerotor (HM4C)
37	1	3900-0048	Gerotor (HM5C)
38	1	0701-2500C1	Gerotor Housing (HM2C Models) 1/4" wide
38	1	0700-2500C1	Gerotor Housing (HM1C Models) 1/2" wide
38	1	0703-2500C1	Gerotor Housing (HM4C Models) 5/16" wide
38	1	0702-2500C1	Gerotor Housing (HM3C Models) 1" wide
38	1	0704-2500C1	Gerotor Housing (HM5C Models) 5/8" wide
39	1	0254-2500C2	Motor End Plate (includes needle bearing)
40	4	2270-0039	Washer
41	4	2220-0045	Cap Screw (HM2C / HM4C Models)
41	4	2220-0021	Cap Screw (HM1C Models)
41	4	2220-0044	Cap Screw (HM3C Models)
41	4	2220-0032	Cap Screw (HM5C Models)
42	1	1720-0108	O-ring
43	1	3360-0021A	Pressure Port Adapter (includes o-ring)
44	1	3320-0051A	Tank Port Adapter (includes o-ring)
45	1	1720-0262	O-ring
46	1	3220-0029	Bypass Adjusting Screw
47	1	1700-0047	Gasket
48	1	2270-0027	Washer
49	1	2250-0038	Lock Nut



NOTE: When ordering parts, give QUANTITY, PART NUMBER, DESCRIPTION, and COMPLETE MODEL NUMBER. Reference numbers are used ONLY to identify parts in the drawing and are NOT to be used as order numbers.

Silicon Seal Kit No 3430-0601

Contains one each: mechanical seal (Ref. 8) and o-ring (Ref. 9).

Repair Parts Kit No. 3430-0500

Contains one each: mechanical seal (Ref. 8), o-ring (Ref. 9), and rubber gasket (Ref. 7).

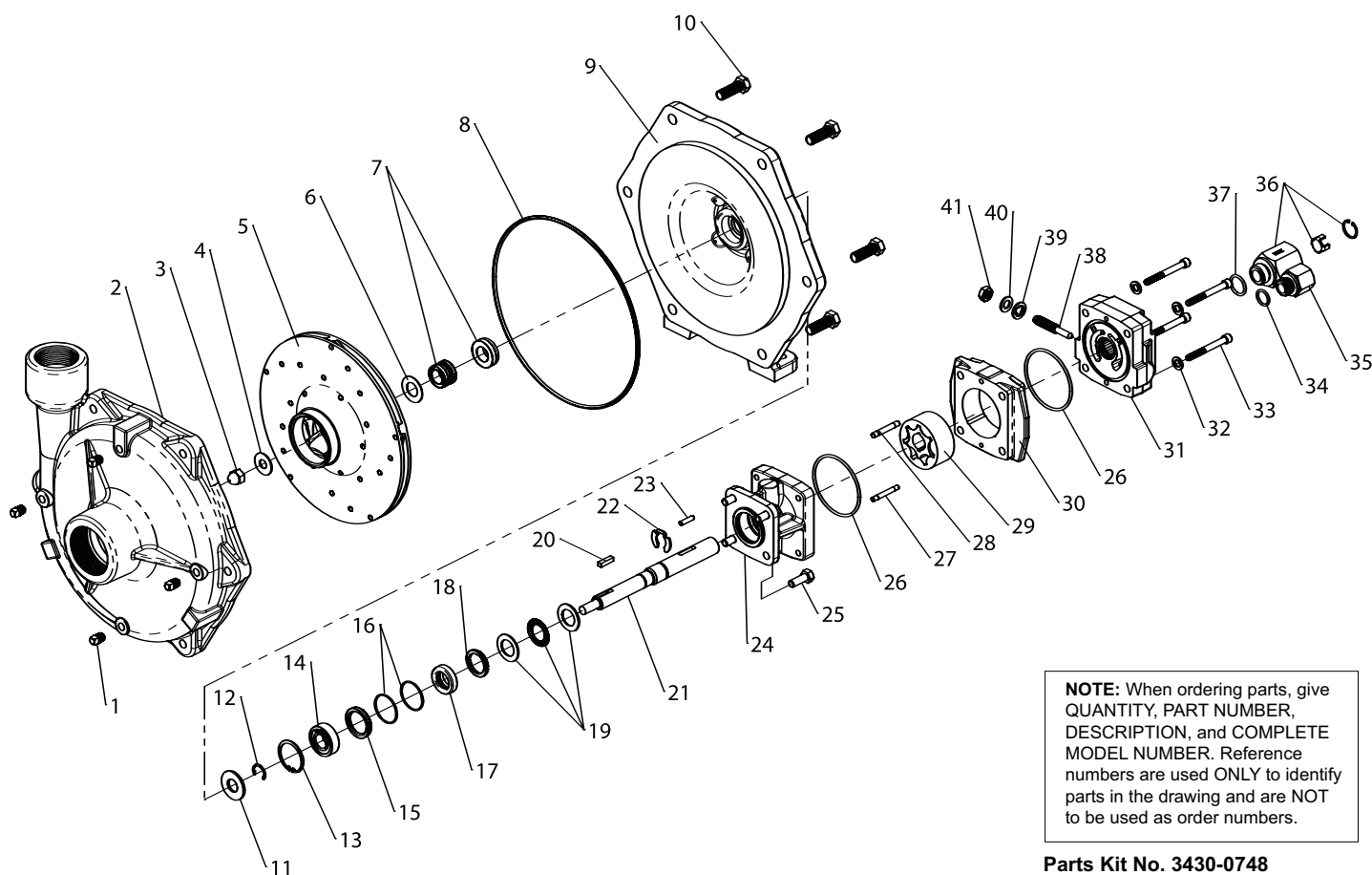
Parts Kit No. 3430-0748

Contains: One each ball bearing (Ref. 15), motor shaft seal (Ref. 18), thread seal gasket (Ref. 40), two cartridge o-rings (Ref. 17) and washer (Ref. 41); two each motor housing o-rings (Ref. 27), and port adapter o-rings (Ref. 35 & 38).

Hydraulic Motor Part No. 2500-0083C

Ref. No.	Qty. Req'd.	Part No.	Description
1	1	2406-0002	1/2" NPT Drain Plug (SP model only)
1	1	2406-0035	1/2" BSP Drain Plug (BSP model only)
2	1	3430-0481SP	Self Priming Chamber (SP model only)
2	1	3430-0481BSP	Self Priming Chamber (BSP model only)
3	1	2406-0034	Includes a stainless wear ring, plugs, & o-ring
3	1	2406-0036	1" NPT Prime Port Plug (SP model only)
4	1	2253-0002	1" BSP Prime Port Plug (BSP model only)
5	1	2253-0002	Impeller Nut
6	1	2270-0071	Washer
7	1	0403-9200P1	Impeller
8	1	1700-0100	Rubber Gasket
8	1	2120-0009	Mechanical Seal (Viton/Ceramic) (Std 9305C)
8	1	3430-0601	Mechanical Seal (Silicon Carbide) (Optional)
9	1	1720-0180	O-ring
10	1	0752-9200C	Mounting Flange
11	6	2210-0086	Hex Head Cap Screw
12	1	1410-0056	Slinger Ring
13	1	1810-0014	Snap Ring
14	1	1820-0013	Retaining Ring
15	1	2000-0010	Ball Bearing
16	1	1410-0131	Cartridge, Front
17	2	1720-0268	O-ring
18	1	2104-0010	Lip Seal
19	1	1410-0130	Seal Spacer
20	1	2029-0014	Thrust Bearing Assembly

Ref. No.	Qty. Req'd.	Part No.	Description
21	1	1610-0053	Square Key
22	1	0537-2500	Shaft
23	1	1810-0026	Snap Ring
24	1	1610-0055	Roll Pin
25	1	0150-2500C	Motor Body (includes needle bearing)
26	4	2210-0005	Hex Head Cap Screw
27	2	1720-0110	O-ring
28	1	1600-0052	Dowel Pin
29	1	1600-0068	Dowel Pin
30	1	3900-0024	Gerotor
31	1	0702-2500C1	Gerotor Housing 1" wide
32	1	0254-2500C2	Motor End Plate (includes needle bearing)
33	4	2270-0039	Washer
34	4	2220-0044	Cap Screw
35	1	1720-0108	O-ring
36	1	3360-0021A	Pressure Port Adapter (includes o-ring)
37	1	3320-0051A	Tank Port Adapter (includes o-ring)
38	1	1720-0262	O-ring
39	1	3220-0029	Bypass Adjusting Screw
40	1	1700-0047	Gasket
41	1	2270-0027	Washer
42	1	2250-0038	Lock Nut



NOTE: When ordering parts, give QUANTITY, PART NUMBER, DESCRIPTION, and COMPLETE MODEL NUMBER. Reference numbers are used ONLY to identify parts in the drawing and are NOT to be used as order numbers.

Repair Parts Kit No. 3430-0500

Contains one each: mechanical seal (Ref. 7), O-ring (Ref. 8), and rubber gasket (Ref. 6).

Hydraulic Motor Part No. 2500-0083C

Silicon Seal Kit No 3430-0601

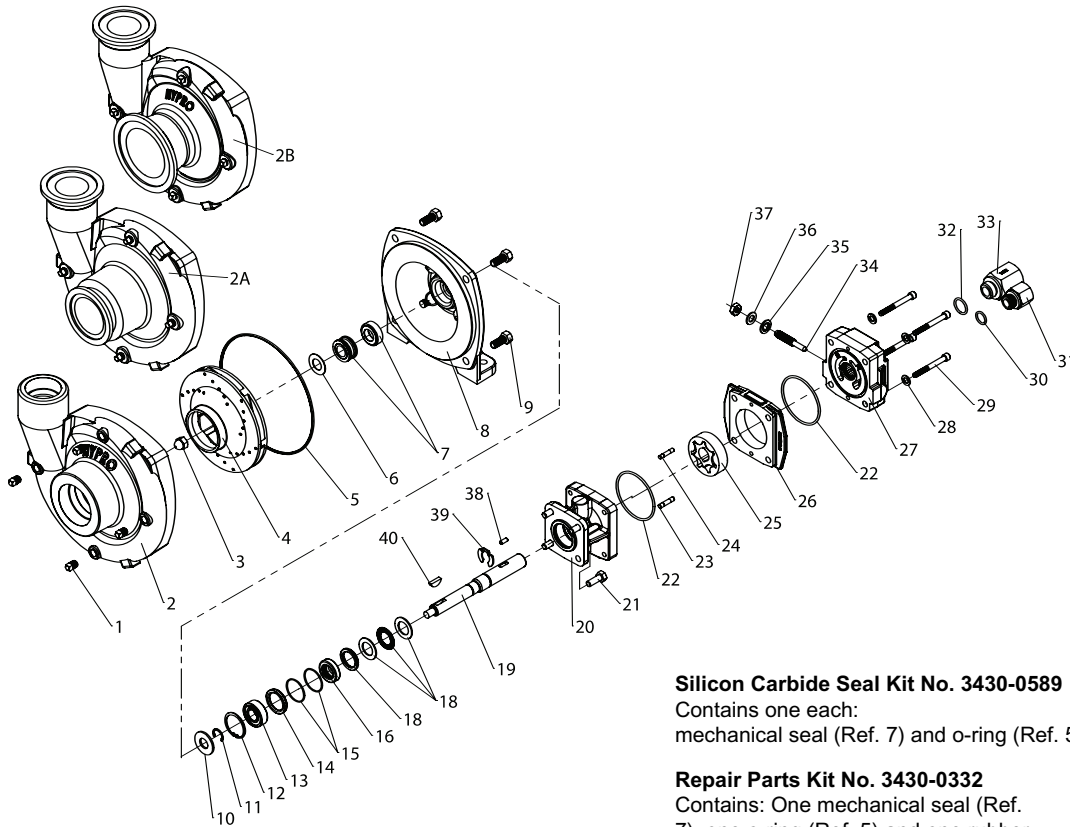
Contains one each: mechanical seal (Ref. 7) and O-ring (Ref. 8).

Parts Kit No. 3430-0748

Contains: One each ball bearing (Ref. 14), motor shaft seal (Ref. 17), thread seal gasket (Ref. 39), two cartridge O-rings (Ref. 16) and washer (Ref. 40); two each motor housing O-rings (Ref. 26), and port adapter O-rings (Ref. 34 & 37).

Ref. No.	Qty. Req'd.	Part No.	Description
1	4	2406-0007	Drain / Vent Plug
2	1	0152-9200C	Pump Casing
3	1	2253-0002	Impeller Nut
4	1	2270-0071	Washer
5	1	0403-9200P1	Impeller
6	1	1700-0100	Rubber Gasket
7	1	2120-0009	Mechanical Seal (Viton/Ceramic) (Std 9305C)
7	1	3430-0601	Mechanical Seal (Silicon Carbide) (Optional)
8	1	1720-0180	O-ring
9	1	0752-9200C	Mounting Flange
10	6	2210-0086	Hex Head Cap Screw
11	1	1410-0056	Slinger Ring
12	1	1810-0014	Snap Ring
13	1	1820-0013	Retaining Ring
14	1	2000-0010	Ball Bearing
15	1	1410-0131	Cartridge, Front
16	2	1720-0268	O-ring
17	1	2104-0010	Lip Seal
18	1	1410-0130	Seal Spacer
19	1	2029-0014	Thrust Bearing Assembly
20	1	1610-0053	Square Key
21	1	0537-2500	Shaft

Ref. No.	Qty. Req'd.	Part No.	Description
22	1	1810-0026	Snap Ring
23	1	1610-0055	Roll Pin
24	1	0150-2500C	Motor Body (includes needle bearing)
25	4	2210-0005	Hex Head Cap Screw
26	2	1720-0110	O-ring
27	1	1600-0052	Dowel Pin
28	1	1600-0068	Dowel Pin
29	1	3900-0024	Gerotor
30	1	0702-2500C1	Gerotor Housing 1" wide
31	1	0254-2500C2	Motor End Plate (includes needle bearing)
32	4	2270-0039	Washer
33	4	2220-0044	Cap Screw
34	1	1720-0108	O-ring
35	1	3360-0021A	Pressure Port Adapter (includes O-ring)
36	1	3320-0051A	Tank Port Adapter (includes O-ring)
37	1	1720-0262	O-ring
38	1	3220-0029	Bypass Adjusting Screw
39	1	1700-0047	Gasket
40	1	2270-0027	Washer
41	1	2250-0038	Lock Nut



NOTE: When ordering parts, give QUANTITY, PART NUMBER, DESCRIPTION, and COMPLETE MODEL NUMBER. Reference numbers are used ONLY to identify parts in the drawing and are NOT to be used as order numbers.

Parts Kit No. 3430-0748

Contains: One each ball bearing (Ref. 13), motor shaft seal (Ref. 16), thread seal gasket (Ref. 35), two cartridge o-rings (Ref. 15) and washer (Ref. 36); two each motor housing o-rings (Ref. 22), and port adapter o-rings (Ref. 30 & 32).

Silicon Carbide Seal Kit No. 3430-0589

Contains one each: mechanical seal (Ref. 7) and o-ring (Ref. 5).

Repair Parts Kit No. 3430-0332

Contains: One mechanical seal (Ref. 7), one o-ring (Ref. 5) and one rubber gasket (Ref. 6).

Hydraulic Motor Part Nos.

2500-0081C (HM1C Models)
2500-0083C (HM3C Models)
2500-0085C (HM5C Models)

Ref. No.	Qty. Req'd.	Part No.	Description
1	4	2406-0007	Drain/Vent Plug (9306C)
1	4	2406-0016	Drain/Vent Plug (9306S)
2	1	0154-9200C1	Pump Casing (9306C)
2	1	0154-9200S1	Pump Casing (9306S)
2A	1	0157-9200C	Pump Casing (Universal Flange 220x200)
2B	1	0158-9200C	Pump Casing (Universal Flange 300x220 Cast)
2B	1	0158-9200S	Pump Casing (Universal Flange 300x220 S.S.)
3	1	2253-0002	Impeller Nut (9306C)
3	1	2253-0006	Impeller Nut (9306S)
4	1	0401-9200P2	Impeller (Nylon Std. 9306C)
4	1	0405-9100P2	Impeller (Polypropylene Optional) (Std. 9306S)
4	1	0407-9306P	Impeller (GTX Optional)
5	1	1720-0083	O-ring
6	1	1700-0100	Gasket
7	1	2120-0009	Mechanical Seal (Viton/Ceramic) (Std. 9306C)
7	1	3430-0589	Mechanical Seal (Silicon Carbide) (Std. 9306S)
8	1	0750-9300C2	Mounting Flange (9306C)
8	1	0756-9300S	Mounting Flange (9306S)
9	4	2210-0020	Hex Head Cap Screw (9306C)
9	4	2210-0125	Hex Head Cap Screw (9306S)
10	1	1410-0056	Slinger Ring
11	1	1810-0014	Snap Ring
12	1	1820-0013	Retaining Ring
13	1	2000-0010	Ball Bearing
14	1	1410-0131	Cartridge, Front
15	2	1720-0268	O-ring
16	1	2104-0010	Lip Seal
17	1	1410-0130	Seal Spacer
18	1	2029-0014	Thrust Bearing Assembly
19	1	0531-2500	Shaft (HM2C/HM4C)
19	1	0533-2500	Shaft (HM1C/HM5C)
19	1	0536-2500	Shaft (HM3C)
20	1	0150-2500C	Motor Body (includes needle bearing)
21	4	2210-0005	Hex Head Cap Screw
22	2	1720-0110	O-ring

Ref. No.	Qty. Req'd.	Part No.	Description
23	1	1600-0045	Dowel Pin (HM2C / HM4C)
23	1	1600-0044	Dowel Pin (HM1C/HM5C)
23	1	1600-0052	Dowel Pin (HM3C)
24	1	1600-0042	Dowel Pin (HM2C / HM4C)
24	1	1600-0037	Dowel Pin (HM1C/HM5C)
24	1	1600-0068	Dowel Pin (HM3C)
25	1	3900-0022	Gerotor (HM1C)
25	1	3900-0023	Gerotor (HM2C)
25	1	3900-0024	Gerotor (HM3C)
25	1	3900-0025	Gerotor (HM4C)
25	1	3900-0048	Gerotor (HM5C)
26	1	0701-2500C1	Gerotor Housing (HM2C Models) 1/4" wide
26	1	0700-2500C1	Gerotor Housing (HM1C Models) 1/2" wide
26	1	0703-2500C1	Gerotor Housing (HM4C Models) 5/16" wide
26	1	0702-2500C1	Gerotor Housing (HM3C Models) 1" wide
26	1	0704-2500C1	Gerotor Housing (HM5C Models) 5/8" wide
27	1	0254-2500C2	Motor End Plate (includes needle bearing)
28	4	2270-0039	Washer
29	4	2220-0045	Cap Screw (HM2C / HM4C Models)
29	4	2220-0021	Cap Screw (HM1C Models)
29	4	2220-0044	Cap Screw (HM3C Models)
29	4	2220-0032	Cap Screw (HM5C Models)
30	1	1720-0108	O-ring
31	1	3360-0021A	Pressure Port Adapter (includes o-ring)
32	1	1720-0262	O-ring
33	1	3320-0051A	Tank Port Adapter (includes o-ring)
34	1	3220-0029	Bypass Adjusting Screw
35	1	1700-0047	Gasket
36	1	2270-0027	Washer
37	1	2250-0038	Lock Nut
38	1	1610-0032	Roll Pin (HM2C / HM4C)
38	1	1610-0031	Roll Pin (HM1C / HM5C)
38	1	1610-0055	Roll Pin (HM3C)
39	1	1810-0026	Snap Ring
40	1	1610-0012	Woodruff Key (9306C)
40	1	04432	Woodruff Key (9306S)