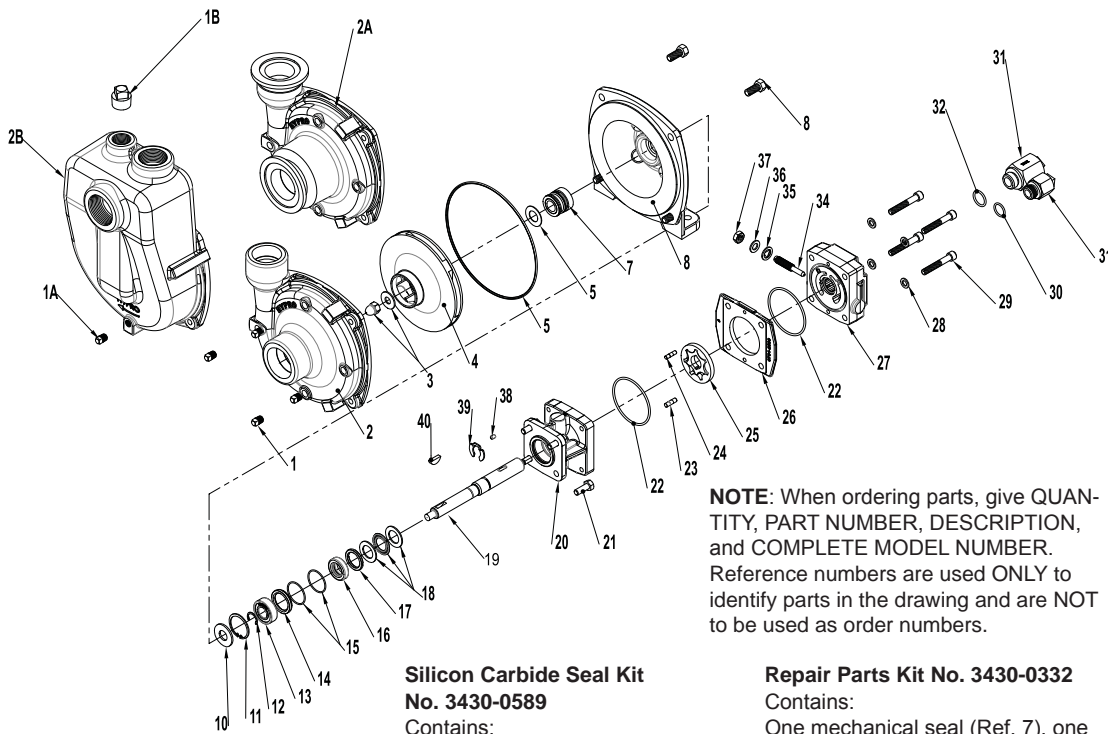


Replacement Parts

The following drawings show the pumps and their replacement parts. **Only genuine replacement parts should be used. Failure to follow this warning can result in damage to property, serious injury or death.** If the pump malfunctions or is defective, it should be sent back to Hypro for service.



9303C(S)-HM1C, 2, 3, 4, 5 & -U and 9303C(S)-SP- HM1, 2, 3, 4, 5

Adapter Kit No. 3430-0187 (HM2 and HM4 Modes Only) Contains one each:
 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

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).

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)

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 Carbide Seal Kit
 No. 3430-0589**

Contains:
 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).

Ref. No.	Qty. Req'd.	Part No.	Description	Ref. No.	Qty. Req'd.	Part No.	Description
1	4	2406-0007	Drain/Vent Plug (9303C)	23	1	1600-0045	Dowel Pin (HM2C / HM4C)
1	4	2406-0016	Drain/Vent Plug (9303S)	23	1	1600-0044	Dowel Pin (HM1C/HM5C)
1A	4	2406-0007	Drain/Vent Plug	23	1	1600-0052	Dowel Pin (HM3C)
1B	4	2406-0001	Vent Plug	24	1	1600-0042	Dowel Pin (HM2C / HM4C)
2	1	0150-9000C	Pump Casing (Model 9303C)	24	1	1600-0037	Dowel Pin (HM1C/HM5C)
2	1	0150-9000S	Pump Casing (Model 9303S)	24	1	1600-0068	Dowel Pin (HM3C)
2A	1	0153-9000C	Pump Casing (Universal Flange Model C-U)	25	1	3900-0022	Gerotor (HM1C)
2A	1	0153-9000S	Pump Casing (Universal Flange Model S-U)	25	1	3900-0023	Gerotor (HM2C)
2B	1	0150-9070CM	Pump Casing	25	1	3900-0024	Gerotor (HM3C)
3	1	3430-0825	Impeller Nut (9303C)	25	1	3900-0025	Gerotor (HM4C)
3	1	3430-0825	Impeller Nut (9303S)	25	1	3900-0048	Gerotor (HM5C)
4	1	0401-9100P	Impeller (Nylon Std. 9303C)	26	1	0701-2500C1	Gerotor Housing (HM2C Models) 1/4" wide
4	1	0402-9100P	Impeller (Polypropylene Optional) (Std 9303S)	26	1	0700-2500C1	Gerotor Housing (HM1C Models) 1/2" wide
5	1	1720-0083	O-ring	26	1	0703-2500C1	Gerotor Housing (HM4C Models) 5/16" wide
6	1	1700-0100	Gasket	26	1	0702-2500C1	Gerotor Housing (HM3C Models) 1" wide
7	1	2120-0009	Mechanical Seal (Viton/Ceramic) (Std 9303C)	26	1	0704-2500C1	Gerotor Housing (HM5C Models) 5/8" wide
7	1	3430-0589	Mechanical Seal (Silicon Carbide) (Std 9303S)	27	1	0254-2500C2	Motor End Plate (includes needle bearing)
8	1	0750-9300C	Mounting Flange (9303C)	28	4	2270-0039	Washer
8	1	0756-9300S	Mounting Flange (9303S)	29	4	2220-0045	Cap Screw (HM2C / HM4C Models)
9	4	2210-0020	Hex Head Cap Screw (9303C)	29	4	2220-0021	Cap Screw (HM1C Models)
9	4	2210-0125	Hex Head Cap Screw (9303S)	29	4	2220-0044	Cap Screw (HM3C Models)
10	1	1410-0056	Slinger Ring	29	4	2220-0032	Cap Screw (HM5C Models)
11	1	1810-0014	Snap Ring	30	1	1720-0108	O-ring
12	1	1820-0013	Retaining Ring	31	1	3360-0021A	Pressure Port Adapter (includes o-ring)
13	1	2000-0010	Ball Bearing	32	1	1720-0262	O-ring
14	1	1410-0131	Cartridge, Front	33	1	3320-0051A	Tank Port Adapter (includes o-ring)
15	2	1720-0268	O-ring	34	1	3220-0029	Bypass Adjusting Screw
16	1	3430-0748	Lip Seal	35	1	1700-0047	Gasket
17	1	1410-0130	Seal Spacer	36	1	2270-0027	Washer
18	1	2029-0014	Thrust Bearing Assembly	37	1	2250-0038	Lock Nut
19	1	3430-0850	Shaft (HM2C/HM4C)	38	1	1610-0032	Roll Pin (HM2C / HM4C)
19	1	3430-0852	Shaft (HM1C/HM5C)	38	1	1610-0031	Roll Pin (HM1C / HM5C)
19	1	3430-0855	Shaft (HM3C)	38	1	1610-0055	Roll Pin (HM3C)
20	1	0150-2500C	Motor Body (includes needle bearing)	39	1	1810-0026	Snap Ring
21	4	2210-0005	Hex Head Cap Screw	40	1	1610-0012	Woodruff Key (9303C)
22	2	1720-0110	O-ring	40	1	04432	Woodruff Key (9303S)