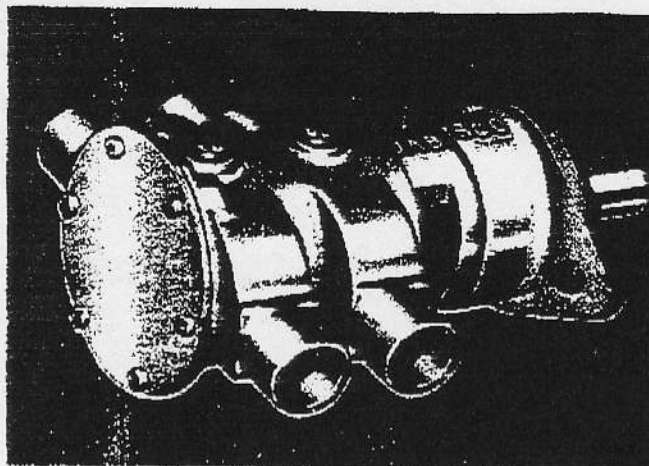




Ball Bearing
Dual Pump



(Replaces Model 8740)

For CHRYSLER "M" Series - 318, 383 and 413

PART NUMBER	DESCRIPTION	QTY. REQ.	PART NUMBER	DESCRIPTION	QTY. REQ.
8744F	Body	1	913	Seal	1
8745F	End Cover	1	SP 1002-01	Screw, End Cover	5
8746	Sleeve	1	SP 1401-03	Key	1
8747	Shaft	1	SP 1700-297	Retaining Ring	1
8493	Wearplate	2	SP 1701-185	Retaining Ring	1
8764	Gasket	1	SP 2600-06	Ball Bearing	1
6148	Cam	2	SP 6080-08	Rotary Seal Assy.	1
8444-08	Impeller	2	SP 2700-85	Seal	1
9299	Seal Spacer	1	SP 1003-01	Screw, Cam	2

SK-109 Service Kit
MSK-109 Major Service Kit

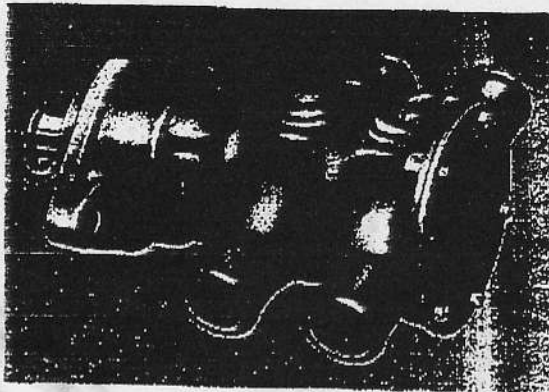
For Price Information, see F.560-B ("Pumps & Parts Price Book")

Model numbers and quantities of the following quantities: 8744, 8745, 8746, 8747, 8493, 8764, 6148, 8444-08, 9299, 913, SP 1002-01, SP 1401-03, SP 1700-297, SP 1701-185, SP 2600-06, SP 6080-08, SP 2700-85, SP 1003-01, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 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JABSCO

BRONZE SELF-PRIMING
FLANGE-MOUNTED MODEL FOR
CHRYSLER "M" SERIES 318 A, B AND C, 383, 413.
MARINE ENGINES

TECHNICAL DATA
MODEL 8740F

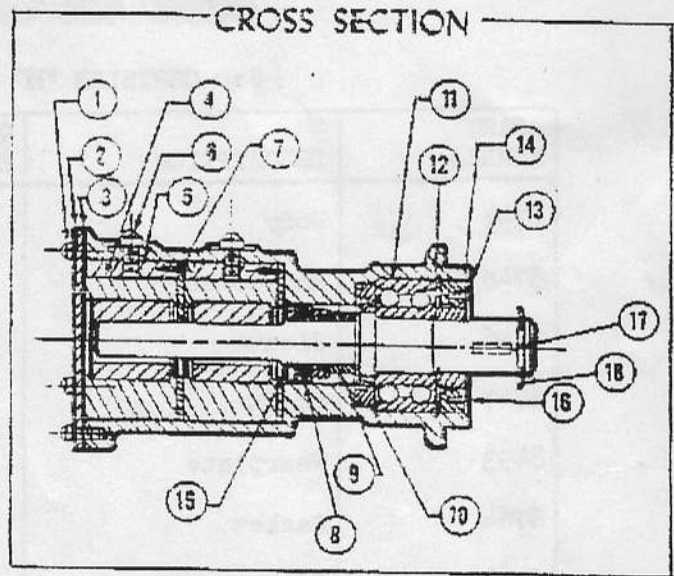


DESIGN FEATURES

- BODY** Bronze Construction
- IMPELLER** Jabasco Special Compound
- SHAFT** Stainless Steel
- SHAFT SEAL** Mechanical Face Type
- WEARPLATES** Replaceable
- PORTS** 3/4" Dual Discharge
(Hose Connection)
- 1/2" Dual Inlet
(Hose Connection)
- WEIGHT** 5 1/2 lbs. (approximately)

OPERATING INSTRUCTIONS

1. **INSTALLATION**—Model 8740F will operate in a clockwise or counterclockwise rotation and is used for engine cooling on Chrysler "M" series 318 A, B, and C, 383 and 413. Pump is rotated 180° on mounting flange for opposite rotation. Check end cover for proper rotation.
 2. **SELF-PRIMING**—Primes at low or high speeds. **BE SURE SUCTION LINES ARE AIR TIGHT OR PUMP WILL NOT SELF-PRIME.**
 3. **RUNNING DRY**—Unit depends on liquid pumped for lubrication. **DO NOT RUN DRY** for more than 30 seconds. Lack of liquid will burn the impeller.
 4. **TEMPERATURES**—Standard impeller is designed to handle liquid temperatures between 45° to 180° F.
 5. **FREEZING WEATHER**—Drain unit by loosening the end cover. The following anti-freeze compounds can be used without any adverse effects to the impeller: Atlas "Permaguard", DuPont "Zerex" and "Telar", Dow Chemical "Dowguard" and Olin Mathison "Pyro". Most methyl alcohol (methanol) based anti-freeze can be used. **DO NOT USE PETROLEUM BASED ANTI-FREEZE COMPOUNDS OR RUST INHIBITORS.**
- NOTE:** Our laboratory tests indicate no adverse effects to the Jabasco neoprene compound using "DuPont No. 7" or "Lazy-Way" rust inhibitors.
6. **GASKET**—Use standard part. Thicker gasket will reduce priming ability. A thinner gasket will cause impeller to bind. If pump is used for fresh water recirculation in closed system, add an extra gasket between body and end cover.
 7. **SPARE PARTS**—A JABSCO service kit SK-37 should be kept on hand to rebuild all but the most heavily worn 8740F pumps. Major service kits also available.



PARTS LIST

KEY	PART NUMBER	DESCRIPTION	QTY. REQ.
1	SP 1002-01	Screw (End Cover)	6
2	8745F	End Cover	1
3	8744	Gasket	1
4	8444-08	Impeller	2
5	6148	Cam	2
6	SP 1003-01	Screw (Cam)	2
7	8493	Wearplate	2
8	SP 6080-08	Seal Assembly (Complete)	1
9	9299	Spacer (Seal)	1
10	913	Bearing Seal (Inner)	1
11	SP 2600-06	Ball Bearing	1
12	SP 1701-185	Retaining Ring (Brg to Hsg)	1
13	8746	Sleeve (Outboard Brg Seal)	1
14	SP 2700-85	Bearing Seal (Outer)	1
15	8747	Shaft	1
16	8744F	Body	1
17	SP 1401-93	Key (Drive Member to Shaft)	1
18	SP 1700-297	Retaining Ring (Drvs Member to Shaft)	1

SERVICE KITS

PUMP MODEL NUMBER	SERVICE KIT NUMBER
8740F	SK-37
8740F	MSK-109

NOTE: Minor service kits contain impeller, seal, gasket and end cover screws. Major service kits contain all parts except the body.