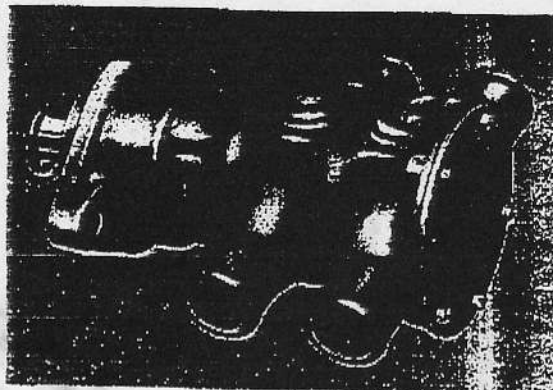


JABSCO

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

TECHNICAL DATA
MODEL 8740F



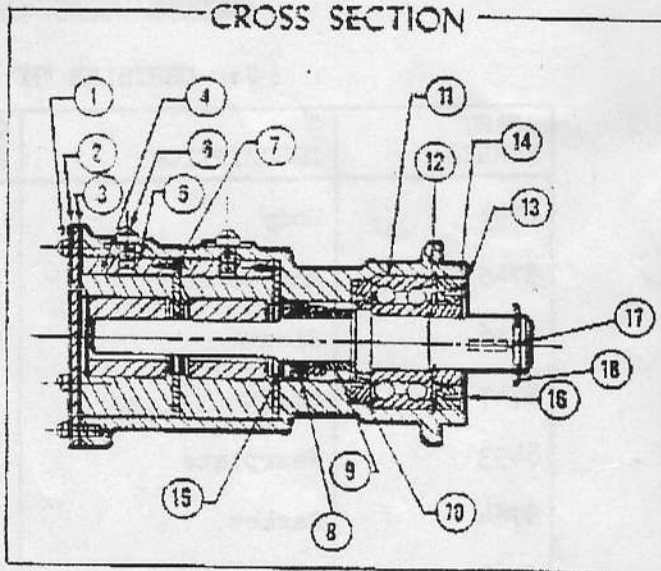
DESIGN FEATURES

- BODY Bronze Construction
- IMPELLER Jabasco Special Compound
- SHAFT Stainless Steel
- SHAFT SEAL Mechanical Face Type
- WEARPLATES Replaceable
- PORTS 3/4" Dual Discharge (Hose Connection)
- 3/4" 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 "Tetar", 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.

CROSS SECTION



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.