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YOUR ONE STOP SUPERSTORE FOR DIESEL ENGINE PARTS

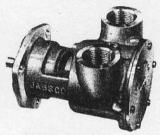


MODEL 8170

Daniel B

Special Flange-Mounted Model for Chrysler Marine Engine

Series M-46-4 M-47-4



FEATURES

BODY
BRONZE CONSTRUCTION
IMPELLER
SPECIAL NEOPRENE
COMPOUND

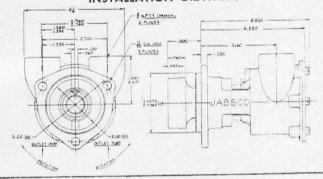
SHAFT 316 STAINLESS STEEL SHAFT SEAL MECHANICAL LIP TYPE

BEARINGS
BALL BEARING

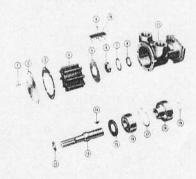
3/4" I.P.T. PORT SIZE

Approx. wt. 7 lbs.

INSTALLATION DRAWING



EXPLODED VIEW



PARTS LIST

KEY	DESCRIPTION	QTY.	PART NUMBER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Screws—End Cover End Cover Gasket Impeller Wearplate Seal "O" Ring Spacer Screw—Cam Cam Body Slinger Shoft Key Bearing Seal Ball Bearing Retaining Ring Coupling Retaining Ring	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SP 1003-01 8175 3101 920-08 4156 SP 2700-06 SP 2000-21 3166 SP 1004-11 3285 8174 3286 8177 SP 1402-06 913 SP 2600-06 SP 1701-185 8176 SP 1700-247

OPERATING INSTRUCTIONS

MODEL 8170

- INSTALLATION—Care should be taken that the intake and discharge piping of the engine corresponds with the proper port markings on the pump.
- 2. DRIVE-Direct.
- SPEEDS—Pump is designed to operate through the entire engine range.
- SELF-PRIMING—Jabsco Pumps will operate satisfactorily at low as well as high speeds. Be sure suction lines are air tight.
- RUNNING DRY—Impeller depends on liquid pumped for lubrication. DO NOT RUN DRY for more than 30 seconds. Lack of liquid will burn the impeller.
- PRESSURES—Excessive back pressure due to scale and rust deposits in the water passages will reduce the flow and cause engine to overheat.
- TEMPERATURES—Impeller specially compounded to operate through the range of 45° - 180° F. For temperatures of 27° - 45° F. use -09 impeller.
- 8. FREEZING WEATHER—Drain unit by loosening end cover plate. For closed systems, use one of the following anti-freeze compounds: Atias "Permaguard", DuPont "Zerex", Dow Chemical "Dowguard", "Pyro", or "Telar". Do not use petroleum based anti-freeze compounds.
- IMPELLER REPLACEMENT—Remove end cover. Withdraw impeller by grasping impeller hub with pliers.
- GASKET REPLACEMENT—Always use standard pump part. A thicker gasket will reduce priming ability. A thinner gasket will cause impeller binding.
- CAM REPLACEMENT—Coat top surface of new cam and cam screw threads with permatex #1 or equivalent sealing compound before installing.
- 12. SPARE PARTS—Avoid costly shut downs by always having a JABSCO Service Kit on hand.

SERVICE KITS

MINOR SERVICE KIT—For "onboard" repairs — includes impeller, seal, gaskets and screws.

MAJOR SERVICE KIT—For major pump overhaul — includes all parts except body.

PART NUMBER	DESCRIPTION	
8459	Minor Service Kit	
8453	Major Service Kit	

WARRANTY: All products of the company are sold and all services of the company are offered subject to the company's warranty and terms and conditions of sale, copies of which will be furnished upon request.

