HEAD CAPACITY TABLE

MODEL 5850

TOTAL HEAD		500 RPM	870 RPM	1750 RPM	2400 RPM	3600 RPM
Lbs. per Sq. In.	Ft. of Water	GPM	GPM	GPM	GPM	GPM
4.3	10	3.0	5.5	11.2	14.6	18.0
8.7	20	2.8	5.2	10.8	14.3	17.7
13.0	30	2.4	4.7	10.4	13.7	17.3
17.3	40	1.9	4.0	9.6	12.8	16.7
21.6	50	1.2	3.1	8.4	11.6	15.5

OPERATING INSTRUCTIONS

1. INSTALLATION—Pump may be mounted at any angle without loss of efficiency. The rotation of the motor shaft determines the location of the pump's intake and discharge ports. Before installing, turn pump shaft in direction of operating rotation.
2. DRIVE— Direct .
3. SPEEDS—100 RPM to the maximum shown in the perform table. For longer pump life, operate at lowest speeds permissible.
4. SELF-PRIMING—Unit will operate satisfactorily at low as well as high speeds. For vertical suction lift requirements at maximum of 15 ft., a minimum of 800 RPM is required. Pump will produce suction lift up to 24 ft. when primed. Be sure suction lines are air tight.
5. RUNNING DRY—Unit depends on liquid pumped for lubrication. DO NOT RUN DRY for more than 30 seconds. Lack of liquid may burn the impeller.
6. CAUTION — Do not pump petroleum derivatives, solvents, thinners, highly concentrated or organic acids. If corrosive fluids other than water must be handled, pump life will be prolonged if flushed with water after each use or after each work day.
7. PRESSURES—For continuous operation, pressure should not exceed 30 pounds for the standard Model 5850 .
8. TEMPERATURES—45-120°F. Use standard impeller. 45-180°F. Use special -08 impeller. 32-45°F. Use special -09 impeller. (Generally not recommended for Marine use.)
9. FREEZING WEATHER—Drain unit by loosening end cover plate. For closed systems, use only Atlas "Permaguard" or Du Pont "Zerex" anti-freeze compounds. Do not use petroleum based anti-freeze compounds.
10. IMPELLER REPLACEMENT—Remove end cover. Withdraw impeller by grasping impeller hub with pliers.
11. GASKET REPLACEMENT—Always use standard pump part. A thicker gasket will reduce priming ability. A thinner gasket will cause impeller binding.
12. CAM REPLACEMENT—Coat top surface of new cam and cam screw threads with Permatex #1 or equivalent sealing compound before installing.
13. SPARE PARTS—Avoid costly shut downs by always having a JABSCO Repair Kit on hand.

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.

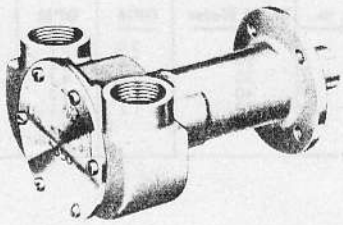
JABSCO® PUMP COMPANY
1485 DALE WAY • COSTA MESA, CALIF.

Printed in U.S.A. Form 5850

MODEL 5850

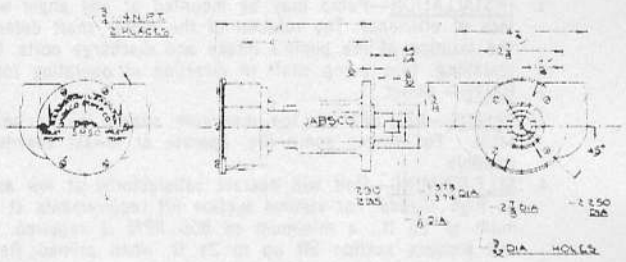
Special Flange-Mounted Model for High Speed Marine Engines

(Supersedes Former Models 3370 — 3970)

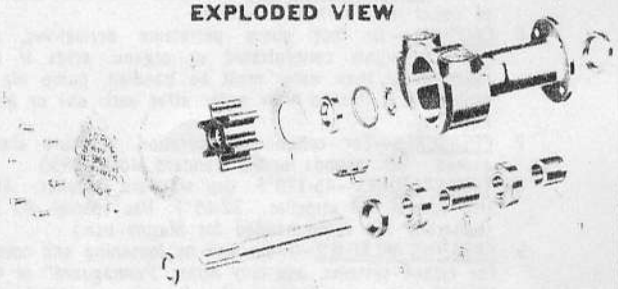


¾" Port Size Approx. Wt. 6 lbs.

INSTALLATION DRAWING



EXPLODED VIEW



PARTS LIST

STANDARD MODEL 5850 — ¾" —

KEY	DESCRIPTION	QTY.	PART NO.
1	SCREW (End Cover)	6	SP-1002-02
2	END COVER	1	5855
3	GASKET	1	3298
4	IMPELLER	1	1212
5	WEAR PLATE	1	5887
6	SEAL (Shaft)	1	SP-2700-06
7	"O" RING	1	SP-2000-21
8	SCREW (Cam)	1	SP-1003-09
9	CAM ASSEMBLY	1	4848
10	SEAL SPACER	1	3166
11	BODY	1	5854
12	ADAPTOR RING	1	3376
13	SLINGER	1	3286
14	SHAFT	1	5857
15	BEARING SEAL	1	SP-2700-18
16	BALL BEARING	2	SP-2600-13
17	BEARING SPACER	1	3383
18	COUPLING	1	3278

ENGINE NAME AND MODEL

CHRIS CRAFT - M Series (131 to 158 HP)
PALMER - DH 120
KERMATH - Sea Rover
LATHROP - LH Master-LH6-LH - Atom
OSCO—Hercules Diesel 685
UNIVERSAL—Super 6—Model Z
HERCULES - JX
(AND OTHERS)