



PARTS LIST

Key	Description	Qty. Req.	Part No.
1	End Cover with Teflon Bearing	1	8187-0000
2	Teflon Bearing (Replaceable)	2	18700-0000
3	*O-ring (End Cover)	1	92000-0590 Standard Viton 92000-0790
4	*Impeller	1	3398-0001 Neoprene 3398-0003 Nitrile 3398-0004 Viton
5	*Pin (Impeller)	1	91029-0070 Stainless Steel 92850-0030 Hastelloy 'B'
6	Shaft	1	1983-0010 Stainless Steel 1983-0020 Hastelloy 'B'
7	Body with Bearing and Bracket	1	3015-1150
8	*Seal	1	93000-0030 Viton
9	*O-ring (Seal)	1	92000-0120 Standard Viton 92000-0800

* Parts supplied in service kit

SERVICE KITS

PUMP MODEL NUMBER	SERVICE KIT NUMBER
3010-1011	90026-1011
3010-1013	90026-1013
3010-1014	90026-1014
3010-1024	90026-1024

HEAD CAPACITY TABLE

TOTAL HEAD P.S.I. (kg/sq cm)	FT. of WATER (meters)	500RPM		1160RPM		1750RPM	
		G.P.M. (l/min)	HP	G.P.M. (l/min)	HP	G.P.M. (l/min)	HP
4.3 (0,3)	10 (3,0)	1.3 (4,9)	1/6	3.5 (13,2)	1/6	5.8 (22,0)	1/4
8.7 (0,6)	20 (6,1)	.5 (1,9)	1/6	2.5 (9,5)	1/5	5.0 (18,9)	1/4
13.0 (0,9)	30 (9,1)	-	-	1.4 (5,3)	1/4	3.8 (14,4)	1/4

Progressively longer life may be expected as operating speeds are reduced. Capacitor start type motors are required.

Table shows approximate Head-Flow for new pump in U.S. gallons per minute with neoprene impeller. Capacities reduced approximately 10% for Nitrile and Viton impellers.

SERVICE INSTRUCTIONS

Assembly

1. Deform seal and install in body with lips facing impeller bore. Make sure seal is seated in its body groove. Remove bearing. Install O-ring onto cup of seal and lubricate inner seal lip with water pump grease. replace bearing in body.
2. Slide impeller on shaft, aligning holes in impeller and shaft.
3. Press in impeller drive screw.
4. Lightly oil drive end of shaft and install in body with rotating motion.
Be sure shaft is free of burrs. Be sure seal lip is not deformed by shaft.
5. Install O-ring in cover.
6. Screw cover onto body. TIGHTEN HAND TIGHT ONLY.

Disassembly

1. Unscrew end cover. USE CARE NOT TO BREAK RIBS.
2. Withdraw impeller and shaft assembly.
3. Remove impeller to shaft screw, then slide impeller off the shaft
4. Using a hooked wire, remove bearing from body.
Remove O-ring from seal. Deform seal and remove from body.
Use care not to mar or scratch seal bore.

NOTE: Inspect all parts for wear or damage and replace if necessary.

ITT Jabsco

A Unit of ITT Fluid Technology Corporation

THE PRODUCTS DESCRIBED HEREIN ARE SUBJECT TO THE JABSCO ONE YEAR LIMITED WARRANTY, WHICH IS AVAILABLE FOR YOUR INSPECTION UPON REQUEST.



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