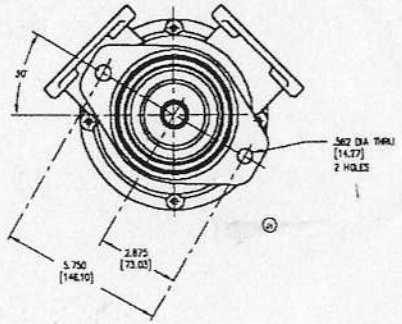
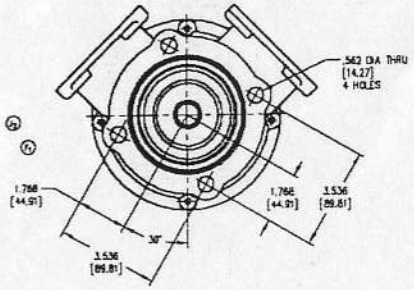
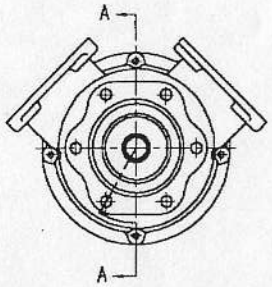
ITEM	PART NO.	DESCRIPTION	-0001	-0003	-0004
1	18773-0000	BODY	1	1	1
2	17363-0000	HOUSING, BEARING	1	1	1
3	18789-0111	IMPELLER	1	1	1
4	18785-6001	CAM LINER	1	1	1
5	18786-0000	SHAFT	1	1	1
6	18775-0000	ADAPTOR		1	
7	18765-0000	ADAPTOR			1
8	18787-6000	WEARPLATE	1	1	1
(G1)					
10	18784-1000	END COVER	1	1	1
11	86080-0371	SEAL, MECHANICAL	1	1	1
12	82701-0180	SEAL, LIP	1	1	1
(H) 13	4346-0001	SEAL, SPLINE	1	1	1
14	92600-0534	BEARING, BALL	1	1	1
15	92601-0470	BEARING, ROLLER	1	1	1
16	92000-1358	O-RING	1	1	1
17	92000-1382	O-RING		1	1
18	92000-1372	O-RING		1	1
(M1) (M2) (G4) 19	92000-1365	O-RING		2	2
20	92000-0260	O-RING	1	1	1
21	81701-2440	RETAINING RING	1	1	1
22	81700-2951	RETAINING RING	1	1	1
23	81112-0288	DOWEL PIN	1	1	1
24	91040-0025	SCREW, HEX HD M10 x 30mm	6	6	6
(G1)					
26	91040-0042	SCREW, HEX HD M8 X 20mm	4	4	4
27	91040-0038	SCREW, HEX HD M6 X 16mm	4	4	4
(G4) 28	91613-1429	WASHER, LOCK M10		6	6
29	91613-1426	WASHER, LOCK M8	4	4	4
30	91613-1420	WASHER, FLAT M6	4	4	4
(G4)					
	18700-0180	INSERT	1	1	1
	18700-0179	CARTON	1	1	1
(G1)	42847-0000	POLYBAG 5 x 7		1	1
(M2)	42845-0000	POLYBAG 3 x 5			1
	19002-0000	CARTON 5 x 5 x 4			1
	99071-0001	MAJOR SERVICE KIT	REF	REF	REF
	90071-0001	MINOR SERVICE KIT	REF	REF	REF

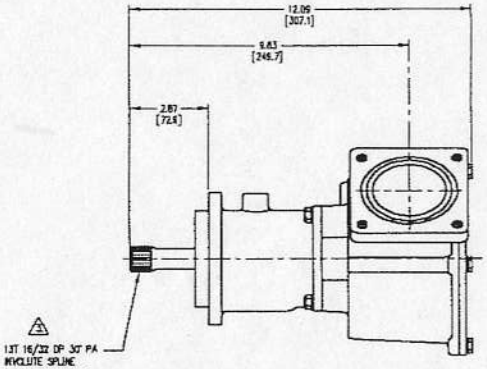


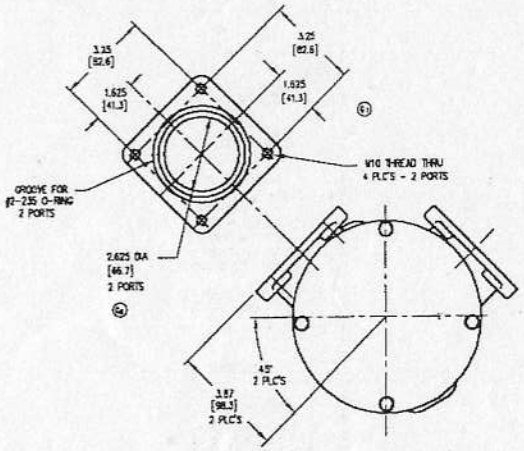
MODEL -0003



(G2) MODEL -0004
ADAPTOR NOT INSTALLED







NOTES: UNLESS OTHERWISE SPECIFIED.

1. (A) BOTTOM OUT DOWEL PIN IN HOLE OF BODY.
2. (B) BEFORE ASSEMBLY OF PUMP, LUBRICATE IMPELLER BORE AND OIL SEAL WITH DOW CORNING #111 COMPOUND.
3. (C) TAPE SPLINE FOR SHIPMENT.
4. (D) STAMP END COVER WITH TORQUE VALUES OF ITEM 27.
5. ADAPTORS, ITEMS 6 & 7 CAN BE ASSEMBLED TO BEARING HOUSING, ITEM 2, IN 30° INCREMENTS.
6. METRIC DIMENSIONS ARE IN [ ].
7. (G1) (E1) INSTALL INNER BEARING RACE WITH FLANGE ON THIS SIDE.
8. PACKAGING FOR MODEL 18770-0004:
   - A. PLACE O-RINGS ITEMS 17, 18 & 19 IN POLYBAG, 42647-0000.
   - B. PLACE SCREWS, ITEM 24 AND LOCKWASHERS, ITEM 28 IN POLYBAG 42845-0000.
   - C. PLACE ADAPTOR, ITEM 7 AND ABOVE POLYBAGS IN CARTON 19002-0000.
9. (M2) FOR MODEL 18770-0003 PLACE O-RINGS, ITEM 19, IN POLYBAG 42847-0000.

TORQUE REQUIREMENTS:

ITEM	REQUIRED TORQUE
24	15 - 17 FT/LBS (20 - 23 NM)
(G4)	
28	120 - 125 IN/LBS (13.5 - 20.0 NM)
(A) 27	75 - 80 IN/LBS (8.4 - 9.1 NM)

DATE	CHG LTR	REVISIONS	DRF	BY	CK	APP
2-2-94	E1	REVISED & REDRAWN	4944	JR	4/25	RH
1-3-95	F1	PICTORIAL REVISED	4948	JR	4/25	RH
1-5-98	G1	DELETED PARTS-0002 ITEM 9	5398	DS	4/25	RH
"	G2	DELETED 0000-1265 ITEM 14	"	"	"	"
"	G3	DELETED 0000-0049 ITEM 28	"	"	"	"
"	G4	QTY CHG IN ITEM 28	"	"	"	"
"	G5	DELETED 0000-0026 ITEM 24	"	"	"	"
"	G6	DELETED TORQUE REQ ITEM 24	"	"	"	"
"	H1	0000 PART MOD. & DIMENSIONS	"	"	"	"
"	G6	0000 PART SIDE	"	"	"	"
3-28-00	H1	CHG-0001 THRU 17800-0000, IT 13	0000	JR	4/25	RH
4-28-00	A	ADAPTOR MATERIAL [-0002]	0000	JR	4/25	RH
"	B1	ADAPTOR MATERIAL 303 SS [-0004]	"	"	"	"
5-4-00	B2	WOODS BEARING MATERIAL (EFFECTIVE 5-4)	5470	JR	4/25	RH
5-12-00	C1	0000 SPEC ⚠ & PLUG ⚠	5500	JR	4/25	JR
3-6-07	D1	ADDED ITEM 10, 0000-1250	0606	JR	4/25	JR
"	D2	0000-0267-0000, 18785-0000 & 0000-0000 TO 0000-0000	"	"	"	"
"	D3	ADDED PART B.	"	"	"	"
"	D4	ADDED "ADAPTOR NOT INSTALLED"	"	"	"	"
"	D5	DELETED BALANCING 5, C1, D4, D6 & D8	"	"	"	"
3-24-07	E1	0000-0000-1265 (ITEM 14) TO -0000	0207			
"	E2	ADDED 0000-1265 TO -0002	"	"	"	"
"	E3	ADDED PART B	"	"	"	"

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
TOLERANCES .XX=± ___ .XXX=± ___ ANGULAR=± ___

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MATL. SPEC. _____

APPROVALS	DATE
DRAWN A. RAMIREZ	3-3-94
CHECKED C. C. SMALL	3-31-94
ENGINEER K. A. HICE	3-31-94

DO NOT SCALE DRAWING

ITT JABSCO A UNIT OF ITT FLUID TECHNOLOGY CORPORATION
1485 DALE WAY, COSTA MESA, CALIFORNIA

CUMMINS
125 GPM ENGINE COOLING PUMP

D | PROJECT NO. 18770 | DWG NO. 18770-000X

SCALE | SHEET