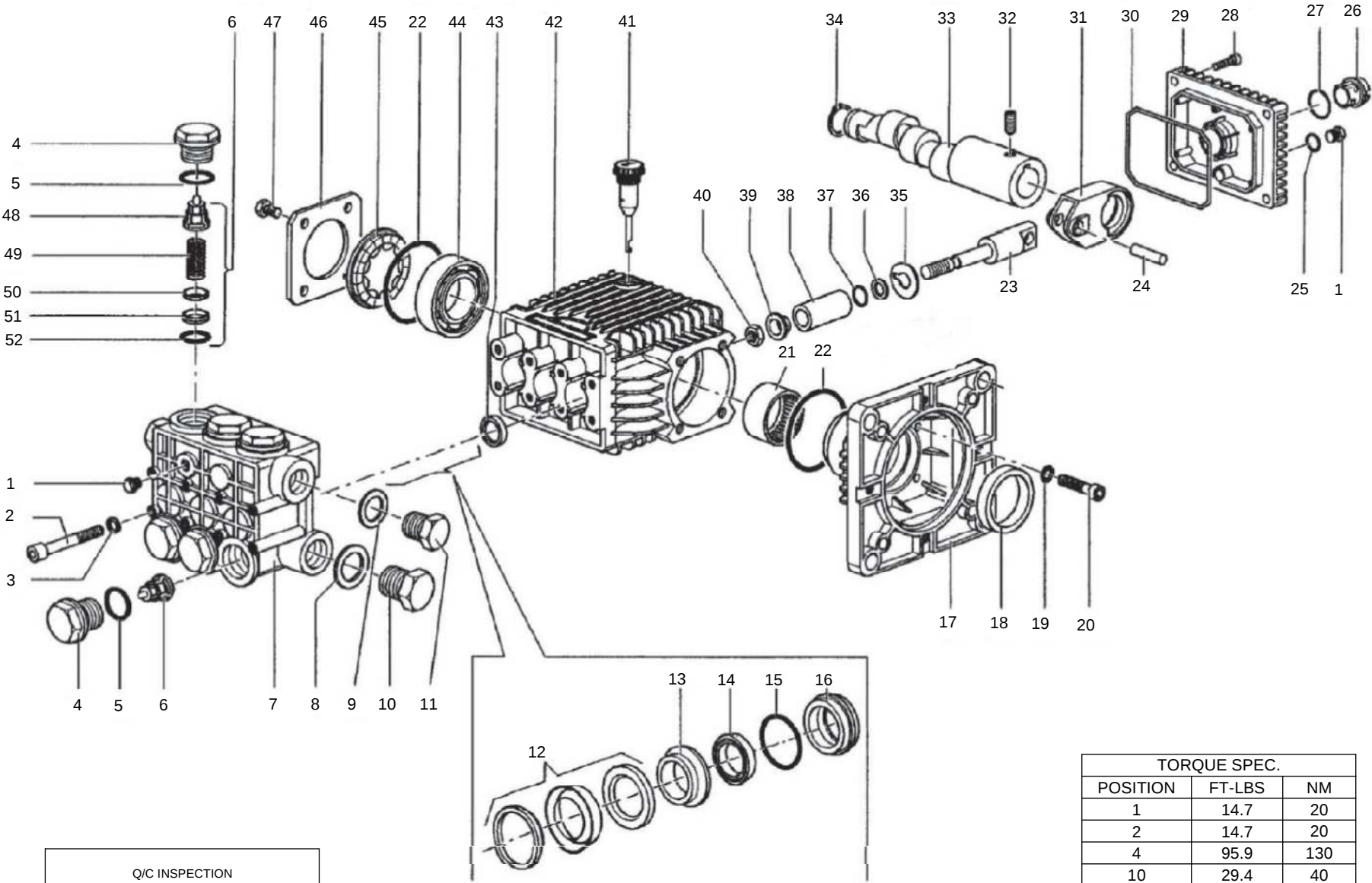


M:\Drawings\Part Numbers\03\3-0409.ipt

ITEM	DESCRIPTION	PART #		P/L	QTY
1	PLUG/HEX	39-0017			2
2	HSHCS - M8 - 1.25P X 65MM	27-9576			8
3	LOCKWASHER M8	29-1014			8
4	VALVE PLUG (SEE KIT 70-0668)	39-0071		SEE KT	6
5	O-RING 20.69 X 2.62MM (SEE KIT 70-0668)	25-0012		SEE KT	6
6	VALVE ASSEMBLY (SEE KIT 70-0028)	N/A		SEE KT	6
7	MANIFOLD - 18mm	N/A			1
8	WASHER-ALUM M27 X M21 X 1.5MM	28-1038			1
9	WASHER M22 X M17.2 X 1.5MM	28-1002			1
10	PLUG/HEX	39-0019			1
11	PLUG/HEX	39-0018			1
12	PACKING ASSEMBLY, 18mm (SEE KIT 70-0670 OR 70-0671)	N/A		SEE KT	3
13	INT. RING, 18mm (SEE KIT 70-0671)	N/A		SEE KT	3
14	SEAL , LP 18mm (SEE KIT 70-0670 OR 70-0671)	N/A		SEE KT	3
15	O-RING (SEE KIT 70-0671)	N/A		SEE KT	3
16	SEAL RETAINER, 18mm (SEE KIT 70-0671)	N/A		SEE KT	3
17	FLANGE, ELECTRIC 184TC	N/A			1
18	SEAL/OIL	26-0181			1
19	WASHER	28-0200			4
20	HSHCS - M6-1.0P X 30MM	27-8404			4
21	NEEDLE BEARING/HK 4520	48-0040			1
22	O-RING 55.56 X 3.53MM	25-0060			2
23	PLUNGER GUIDE	46-1165			3
24	PIN 9 X 27.5	46-1162			3
25	O-RING .426 X .07	25-0210			1
26	SIGHT GLASS	46-1163			1
27	O-RING 1-1/16 X 1-5/16	25-0059			1
28	HSHCS - M6-1.0P X 14MM	27-8401			4
29	COVER CRANKCASE	46-1164			1
30	O-RING 101.27 X 2.62MM	25-0317			1
31	CONNECTING ROD - WHITE BRONZE	46-1160			3
32	SET SCREW, M6 X 6	27-8886			1
33	CRANKSHAFT, 10mm	N/A			1
34	RING - SNAP	46-0104			1
35	SLINGER WASHER - 9 X 25 X .5	28-1049			3
36	RING ANTI-EXTRUSION	25-0143			3
37	O-RING	N/A			3
38	PISTON (18MM)	46-0603			3
39	WASHER GASKET	46-1231			3
40	NUT - M8	46-0168			3
41	DIPSTICK	46-0143			1
42	CRANKCASE	46-1166			1
43	OIL SEAT (SEE KIT 70-0414)	N/A		SEE KT	3
44	BEAR BALL .6305 25 X 62 X 17	48-0011			1
45	OIL LEVEL INDICATOR/SPACER	46-0574			1
46	RETAINER/OIL LEVEL/SPACER	46-0084			1
47	HSHCS M6-1.0P X 10MM	27-8000			8
48	VALVE CAGE	N/A			6
49	SPRING	N/A			6
50	VALVE PLATE	N/A			6
51	VALVE SEAT	N/A			6
52	O-RING 11/16 X 7/8	25-0053			6

PUMP ASSEMBLY				SHAFT	RPM	MAX	MAX	OIL				SHAFT DIA I.D.
PART#	VENDOR#	BORE	STROKE	MARKED	RATED	GPM/LPM	PSI/BAR	oz/mL	INLET	OUTLET		in/mm
3-0409	TX1810E179	18mm	10mm	5A	1750	3.2/12.11	2000/172.37	14/414	1/2-14 BSPP	3/8"NPT		1.125/28.57



Q/C INSPECTION

1) VISUAL INSPECTION
A) FREIGHT DAMAGE
B) OIL LEAKS: ANY SIGN OF OIL IN BOX
C) OIL LEVEL: 1/2 SIGHT GLASS
D) RIGHT-HAND (RH) PUMP

2) CHECK THESE TORQUES:
A) HEAD BOLTS - 14.7 FT-LBS
B) VALVE CAPS - 95.9 FT-LBS

3) ACL 6.5
LEVEL I

TORQUE SPEC.		
POSITION	FT-LBS	NM
1	14.7	20
2	14.7	20
4	95.9	130
10	29.4	40
11	29.4	40
20	7.3	10
28	7.3	10
40	11.0	15
47	7.3	10

Call for Parts 888-279-9274

REPLACEMENT KITS					
KIT #	VENDOR #	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0028	K123	KIT - VALVE	6	6	3
70-0668	K124	KIT- VALVE PLUG	4,5	6	3
70-0414	K159	KIT - OIL SEAL	43	3	3
70-0670	K161	KIT - PACKING SEALS	12,14	3	3
70-0671	K167	KIT - PACKING W/BRASS 18mm	12,13,14,15,16	1	1

Mi-T-M Corporation

SCALE: NTS DATE: 1/15/16 DRAWING SIZE: B APP'D: DRAWN BY: JJR

Pump 3-0409

DRAWING/PART NO: 3-0409