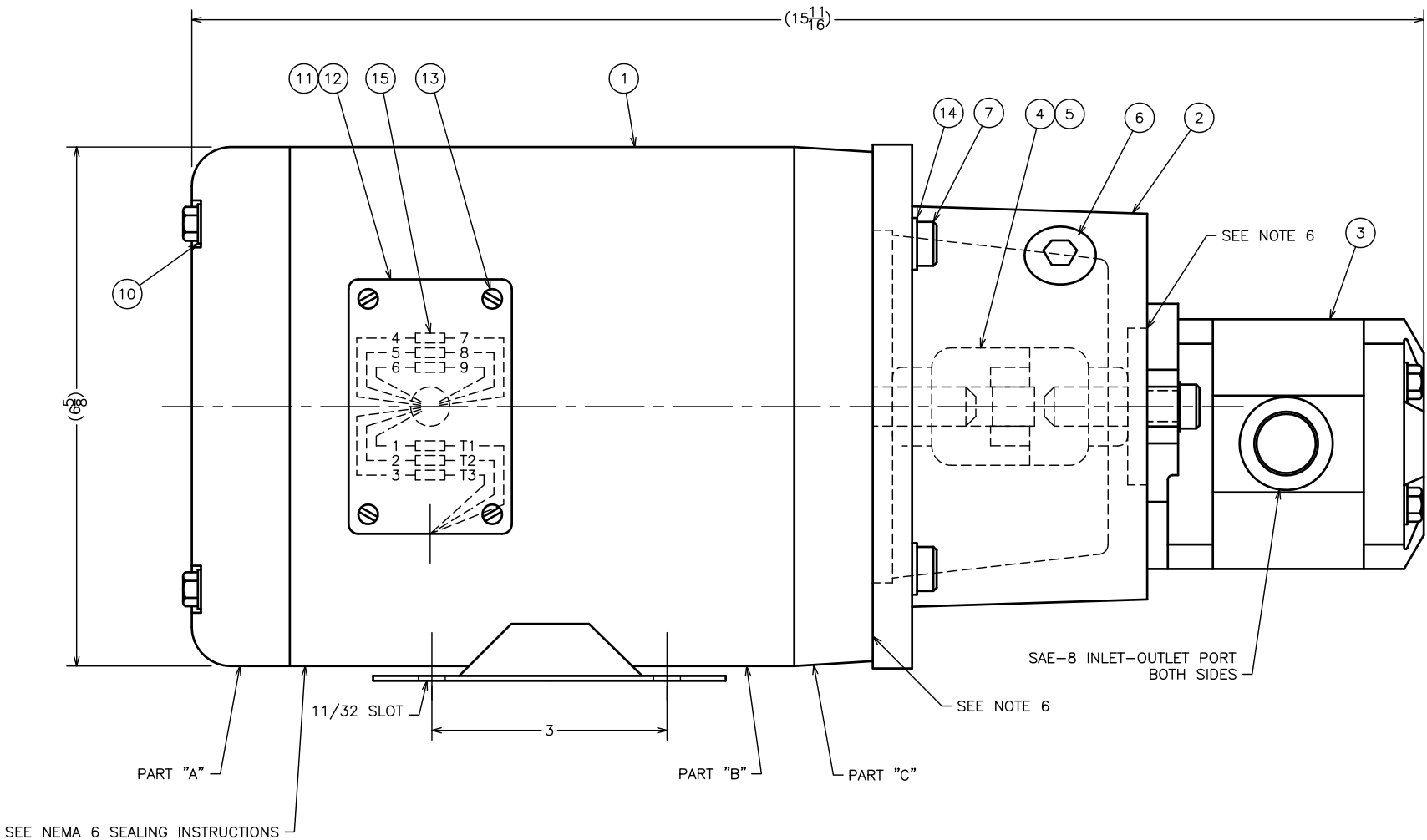


D

C

B

A



NOTES:

1. PUMP DISPLACMENT IS 1.76 GPM @ 1625 RPM.
2. ASSEMBLIES TO REPLACE MOTOR PUMP ASSEMBLIES PER DRAWING D-WK-488-31 AND ANY MOTOR PUMP ASSEMBLIES USING HALEDEX-BARNES B SERIES GEROTOR PUMPS.

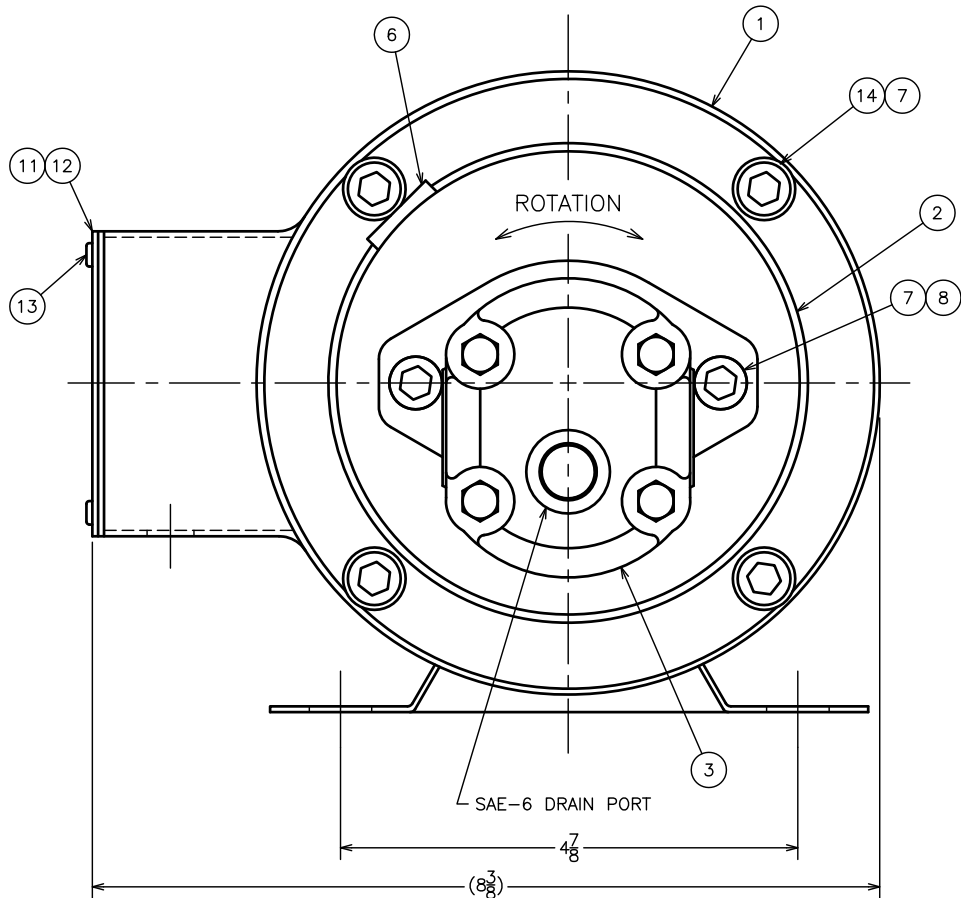
NEMA 6 SEALING INSTRUCTIONS:

1. MARK PARTS A, B & C BEFORE DISASSEMBLING.
2. APPLY BOLT SEALING WASHERS (PC. 10) TO BOLTS REMOVED FROM PARTS A & C.
3. APPLY A CONTINUOUS EVEN BEAD OF GASKET MAKER (PC. 9) TO MACHINED SURFACES OF PARTS A & C ONLY. WHILE GASKET MAKER IS STILL WET, ASSEMBLE PARTS A-C TO PART B.
4. REMOVE CONDULET BOX, DISCARD GASKET BETWEEN BOX & MOTOR BODY AND APPLY A CONTINUOUS EVEN BEAD OF GASKET MAKER TO THE OUTLINE OF CONDULET BOX ONLY ASSEMBLY CONDULET BOX TO MOTOR AND APPLY ANOTHER EVEN BEAD AROUND PERIMETER OF CONDULET BOX.
5. DISCARD CONDULET BOX COVER, GASKET, AND SCREWS AND REPLACE WITH PCS. 11-13.
6. APPLY CONTINUOUS BEADS OF GASKET MAKER (PC. 9) TO BOTH ENDS OF ADAPTOR, PC. 2, AND COMPLETE ASSEMBLY.
7. TEST 1 OF 25 ASSEMBLIES TO NEMA 6 SUBMERGENCE TEST PROCEDURE (6' 30 MINUTES, NO LEAKAGE).

MOTOR DATA	
208-230/460 VAC, 3Ø, 60 HZ	
ENCLOSURE: TENV, NEMA 6	
AMPS: 2.1-2.5 @ 460 VAC	
HORSEPOWER: 2 HP	
FRAME: NEMA C 520-520B-56C	
RPM: 1625	
TORQUE: 6 FOOT*LBS	
DUTY: INTERMITTENT, 15 MIN.	
TEMP. RISE: 55 DEGREES C	
INSULATION: CLASS B	
WEIGHT: 40 LB (APPROX.)	
LUBRICATION: NONE REQUIRED	

PUMP DATA	
PUMP # ALP1A-R-6-E2	
MAX. PRESSURE = 3,600 PSI	
FLOW = 0.250 CUBIC IN./REV.	
FLOW = 1.870 GPM @ 1725 RPM	
PRES. = 1,800 PSI @ 1 HP	
MAX. INLET PRES. = 45 PSIA	

REVISION HISTORY				
REV	DESCRIPTION	DATE	DRAWN	APPROVED
A	UPDATED PC. 1 PART NUMBER, WAS 35Q57-T494G1.	5/25/07	C.K.	A.J.



15	6	BUTT SPLICE	VARIOUS	COMMERCIAL	16-14 AWG
14	4	3/8 BOLT SEALING WASHER	VARIOUS		MCMaster# 93783A031
13	4	RD. HD. MACH. SCREW	CRES		#8-32UNC x 1/2
12	1	CONDULET GASKET	NITRILE	WK	A-WK-488-23
11	1	CONDULET COVER	STEEL	WK	A-WK-488-23
10	4	#10 BOLT SEALING WASHER	VARIOUS		MCMaster# 93783A011
9	A/R	ULTRA BLUE RTV GASKET MAKER	SILICONE	LOCTITE	#58730
8	2	WASHER	STEEL		3/8 PLAIN WASHER
7	6	SOCKET HEAD CAP SCREW	STEEL		3/8-16UNC x 1
6	1	PLUG, SAE #8	VARIOUS	PARKER	
5	1	COUPLING SPACER	VARIOUS	BOSS	#XFCR-15
4	2	COUPLING, 1/2"	VARIOUS	BOSS	#FSC15 x 1/2
3	1	PUMP	VARIOUS	MARZOCCHI	ALP1A-R-6-E2
2	1	ADAPTOR, MOTOR-PUMP	ALUMINUM	VESCOR	#6093
1	1	MOTOR	VARIOUS	BALDOR	#35Q057Y153G1
PC#	QTY	DESCRIPTION	MATERIAL	MANUFACTURER	REMARKS

BILL OF MATERIAL

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BY	DATE
DRAWN AJ	11/11/05
CHECKED B.R.	1/11/06
APPROVED S.S.	4/3/06

**WK** WALZ & KRENZER, INC.  
91 WILLENBROCK RD., UNIT B-4 OXFORD, CT. 06478  
WEB SITE: www.wkdoors.com

MOTOR PUMP ASSEMBLY  
FOR ELECTRO-HYDRAULIC  
WT SLIDING DOORS

SIZE	FSCM. NO.	DWG. NO.	REV.
D	87045	D-WK-852-47	A
SCALE: 1/1			SHEET NO. 1 OF 1