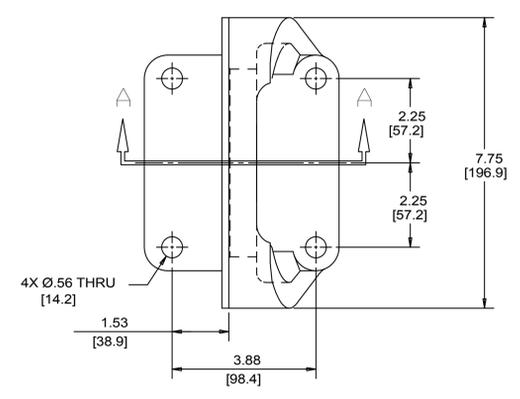
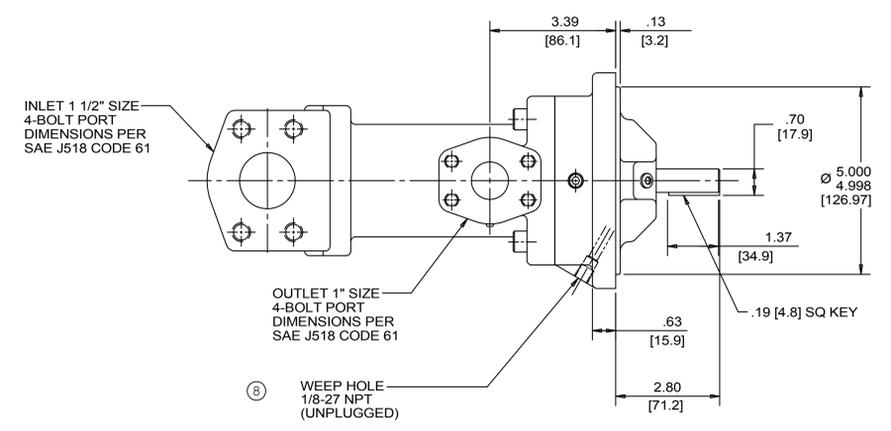
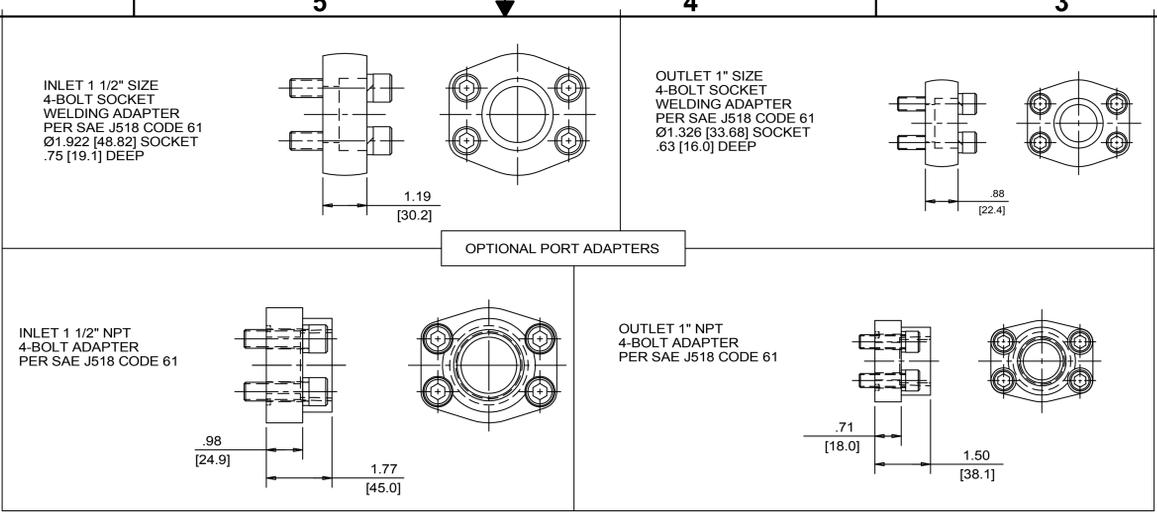


REVISION HISTORY				DATE	BY	APPROVED
CHG NO	ZONE	REV	DESCRIPTION			
22-0000	ALL	10	UPDATED TITLE BLOCK, FORCES & MOMENT STAMP	1-26-22	CDG	CDG

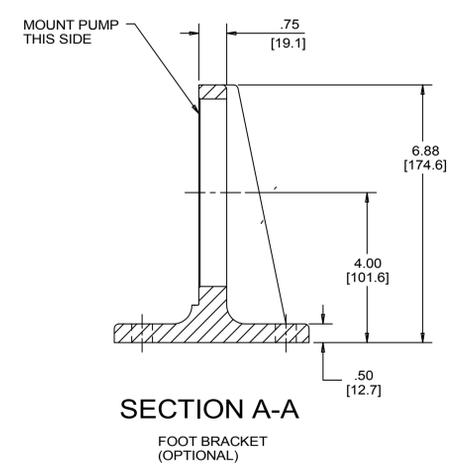
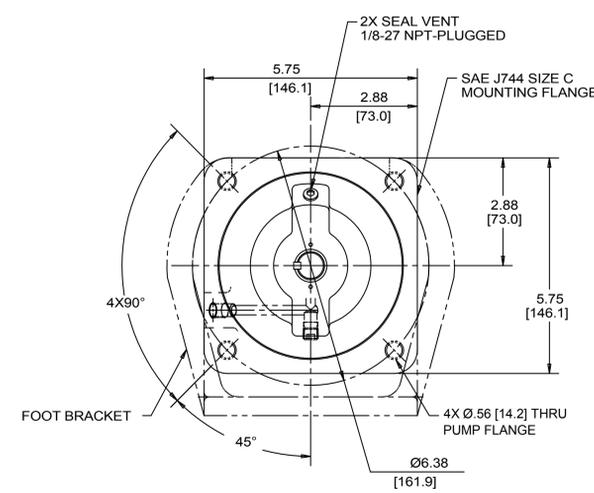
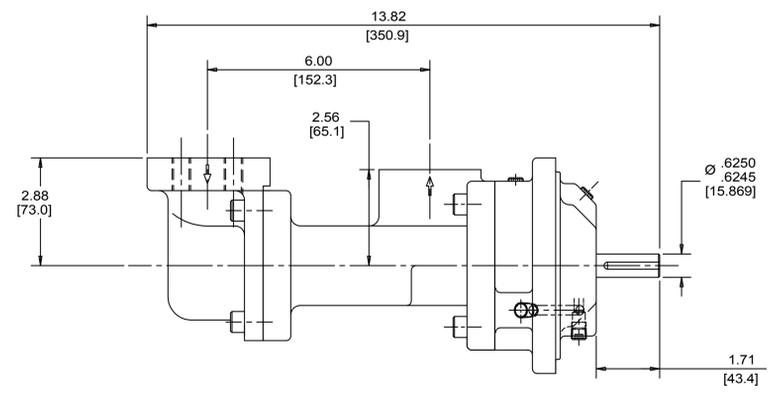


COORDINATE SYSTEM FOR MAXIMUM PUMP FORCES (F) AND MOMENTS (M)

	LBF	N
INLET: Fx, Fy, Fz	113	500
OUTLET: Fx, Fy, Fz	75	334

	LB FT	Nm
INLET: Mx, My, Mz	188	254
OUTLET: Mx, My, Mz	125	169

FORCE AND MOMENT VALUES ARE RELATIVE TO CENTER OF INLET AND OUTLET PORT FACES.



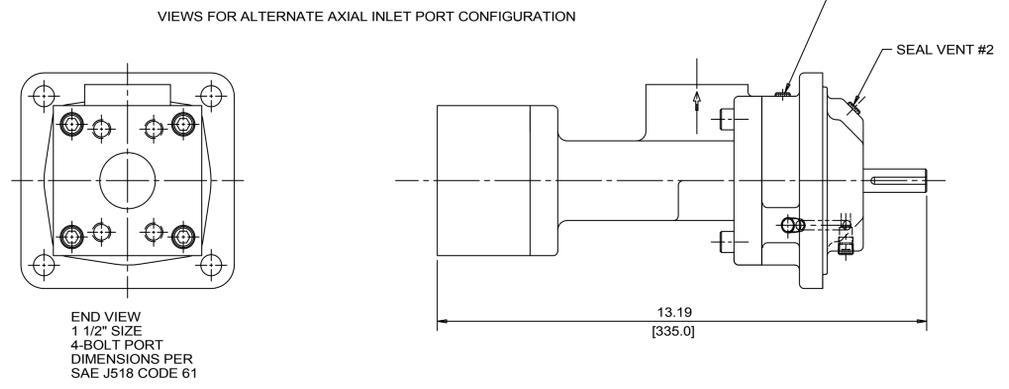
DRAWING CERTIFICATION

12 O'CLOCK
9 O'CLOCK
3 O'CLOCK
6 O'CLOCK
SEE NOTES 1, 2 & 3

CUSTOMER NAME _____
CUSTOMER PO NUMBER _____
CUSTOMER PART NUMBER _____
BOM NUMBER _____
PUMP TYPE _____
SHAFT ROTATION _____
INLET PORT ORIENTATION _____
OUTLET PORT ORIENTATION _____
FOOT BRKT. ORIENTATION _____
INLET PORT OPTION _____
INLET ADAPTER OPTION _____
OUTLET ADAPTER OPTION _____

OTHER INFORMATION _____

CERTIFIED BY _____
CERTIFIED DATE _____
IMO ORDER NUMBER _____
DATA REVISION NUMBER _____



- NOTES:
- TO MAXIMIZE SEAL LIFE, SEAL VENT MUST BE ORIENTED UPWARD (12 O'CLOCK) WHEN PUMP IS INSTALLED HORIZONTALLY. VENT ORIENTATION IS NOT CRITICAL WHEN PUMP IS INSTALLED WITH SHAFT VERTICALLY UPWARD.
 - PORT, FOOT, AND SEAL VENT ORIENTATIONS ARE SUPPLIED AS SHOWN ON DRAWING UNLESS OTHERWISE SPECIFIED.
 - ALTERNATE PORT AND FOOT ORIENTATIONS ARE PROVIDED IF SPECIFIED ON ORDER. AVAILABLE ORIENTATIONS ARE 3, 6, 9, AND 12 O'CLOCK.
 - BOLT PATTERN FOR SAE 4-BOLT AXIAL INLET IS ALWAYS ORIENTED AS SHOWN WITH RESPECT TO OUTLET PORT.
 - APPROXIMATE PUMP WEIGHT (WITHOUT ADAPTERS):
FLANGE MOUNT PUMP—33.2 LBS. (15.1 kgs)
FOOT MOUNT PUMP—45.4 LBS. (20.6 kgs)
 - UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE MILLIMETERS.

DRAWN	ERH	3-3-99	CIRCOR		IMO®
CHECKED	NRS	4-7-99	TITLE		
APPROVED	MJC	4-7-99	OUTLINE STANDARD (STEEL)		
PROCESS	METHODS		3G/_S__A118__		
UNLESS OTHERWISE SPECIFIED ASME Y14.5M-1994			SHEET 1 OF 1		
DIMENSIONS: SECTION STRAINER AND DISCHARGE RELIEF VALVE MUST BE PROVIDED ALIGNMENT UNITS ARE ACCURATELY ADDED AT THE FACTORY. ALIGNMENT SHOULD BE CHECKED BEFORE STARTING TO INSURE THAT IT IS STILL WITHIN TOLERANCES. FLUSH SECTION PRIOR TO CONNECTING PUMP. PRIME AND VENT PUMP. READ INSTRUCTION MANUAL FOR DETAILS BEFORE STARTING.			FIRST ORDER E1102A		
SCALE 1/2			WEIGHT SEE NOTE 5		
SHEET NO. 59180			DRAWING NO. SDD19644		