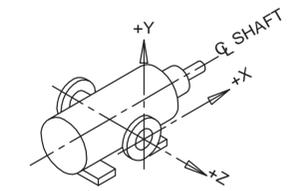
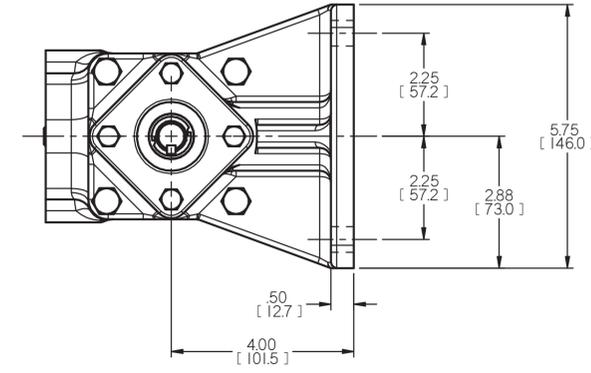
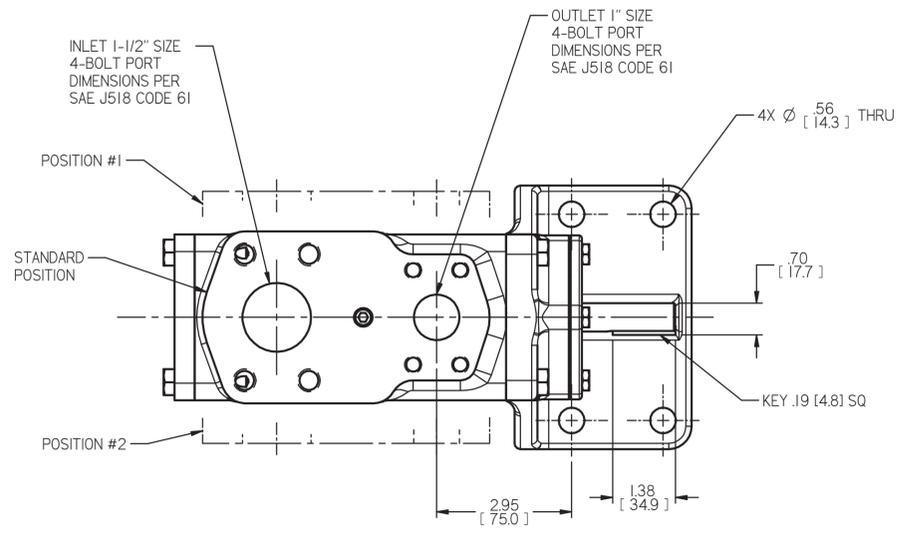


REVISION HISTORY					
CHG NO	ZONE	REV	DESCRIPTION	DATE	BY / APPROVED
13-0319	ALL	7	REDRAWN AND UPDATED ON CAD	6-9-14	ERH / CHH

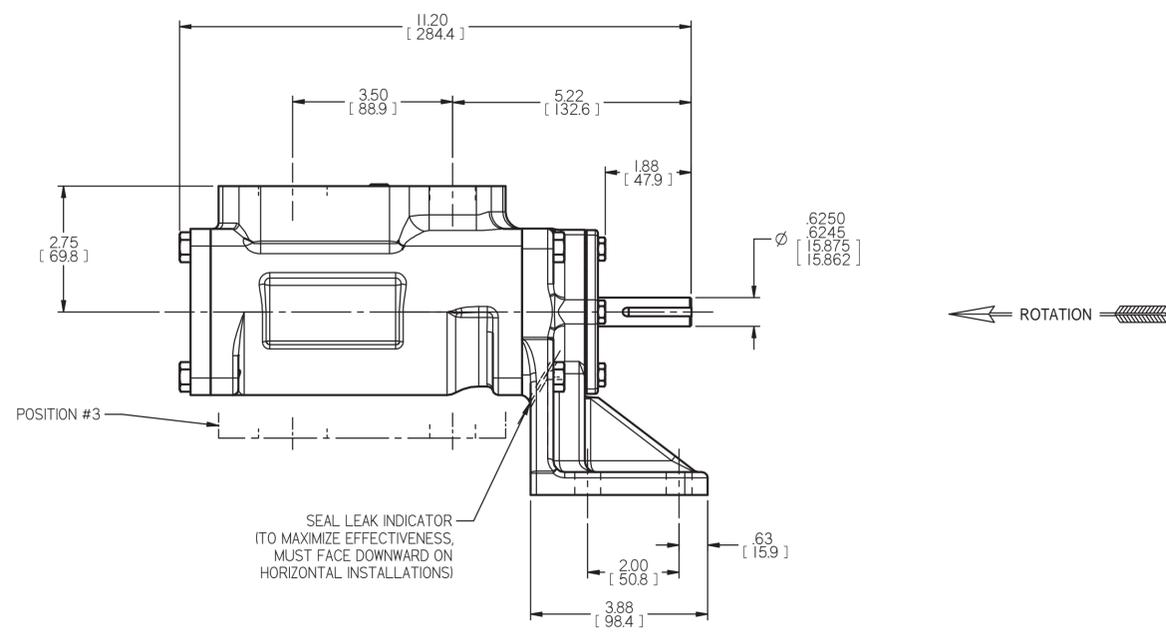


COORDINATE SYSTEM FOR MAXIMUM PUMP FORCES (F) AND MOMENTS (M)

**INLET:**  
 FX= 28.1 LBF [125 N]    MX= 46.9 LB FT [63.6 N.m]  
 FY= 28.1 LBF [125 N]    MY= 46.9 LB FT [63.6 N.m]  
 FZ= 28.1 LBF [125 N]    MZ= 46.9 LB FT [63.6 N.m]

**OUTLET:**  
 FX= 18.8 LBF [83.4 N]    MX= 31.3 LB FT [42.4 N.m]  
 FY= 18.8 LBF [83.4 N]    MY= 31.3 LB FT [42.4 N.m]  
 FZ= 18.8 LBF [83.4 N]    MZ= 31.3 LB FT [42.4 N.m]

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



DRAWING CERTIFICATION	
CUSTOMER NAME	-----
CUSTOMER PO NUMBER	---
CUSTOMER PART NUMBER	-
BOM NUMBER	-----
PUMP TYPE	-----
SHAFT ROTATION	-----
PORT POSITION	-----
INLET PORT OPTION	----
OUTLET PORT OPTION	---
OTHER INFORMATION	
CERTIFIED BY	-----
CERTIFIED DATE	-----
IMO ORDER NUMBER	-----
DATA REVISION NUMBER	-

- NOTES**
- UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE MILLIMETERS.
  - PORT POSITIONS ARE RELATIVE TO THE WEEP HOLE FACING DOWNWARD.

DRAWN	W/LW	2-13-95		
CHECKED	M/JC	2-17-95		
APPD	M/JC	2-17-95		
UNLESS OTHERWISE SPECIFIED ASME Y14.5M-1994. COMMENTS: SUCTION STRAINER AND DISCHARGE RELIEF VALVE MUST BE PROVIDED. ALIGNMENT: UNITS ARE ACCURATELY ALIGNED AT THE FACTORY. ALIGNMENT SHOULD BE CHECKED BEFORE STARTING TO ENSURE THAT IT IS STILL WITHIN .005 (0.13) MM. PRESTARTING: FLUSH SUCTION PIPING BEFORE CONNECTING PUMP. PRIME AND VENT PUMP. READ INSTRUCTION MANUAL FOR DETAILS BEFORE STARTING.			TITLE <b>OUTLINE STANDARD _3E_FS-I18_</b>	
FIRST ORDER 094997		SIZE <b>D</b>	CAGE CODE 59180	DWG NO SDD18198
USED ON 3251/360		SCALE 1/2	WEIGHT 32 LBS [15 kg]	SHEET 1 OF 1