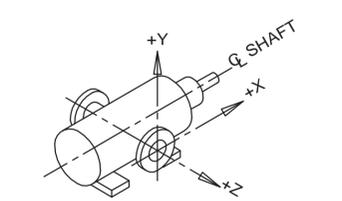
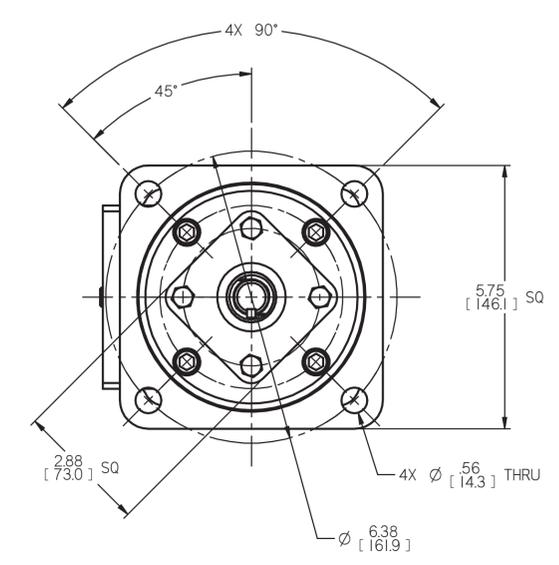
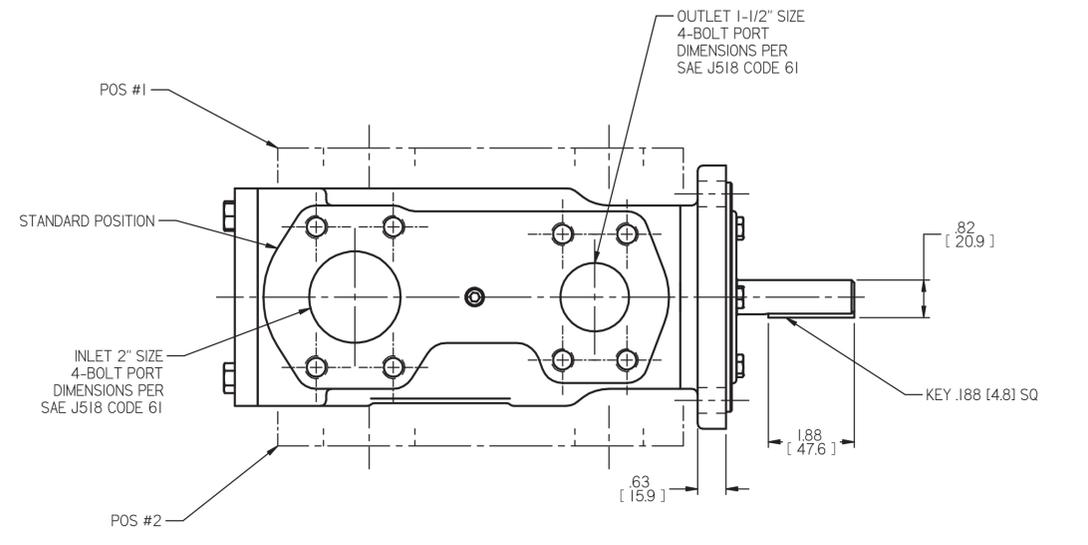


REVISION HISTORY					
CHG NO	ZONE	REV	DESCRIPTION	DATE	BY / APPROVED
13-0426	ALL	8	REDRAWN AND UPDATED ON CAD	6-16-14	ERH / CHH



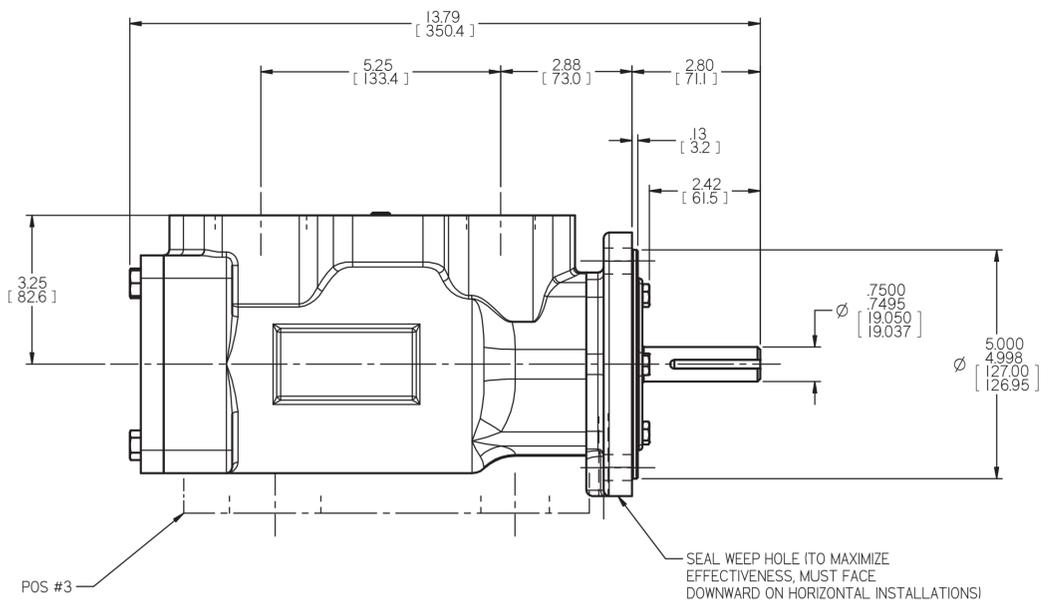
COORDINATE SYSTEM FOR MAXIMUM PUMP FORCES (F) AND MOMENTS (M)

INLET:
 FX= 37.5 LBF [169 N] MX= 62.5 LB FT [84.7 N.m]
 FY= 37.5 LBF [169 N] MY= 62.5 LB FT [84.7 N.m]
 FZ= 37.5 LBF [169 N] MZ= 62.5 LB FT [84.7 N.m]

OUTLET:
 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]

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	7-21-94	CIRCOR IMO	OUTLINE STANDARD _3E_CS-143_/162_
CHECKED		MJC	7-21-94		
APPD		MJC	7-21-94		
PROCESS		METHODS		TITLE	
UNLESS OTHERWISE SPECIFIED ASME Y14.5M-1994.				SIZE	CAGE CODE
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.				FIRST ORDER	DWG NO
USED ON				091391	SDD17990
				3252/650	SCALE 1/2
				WEIGHT 49 LBS [22kg]	SHEET 1 OF 1