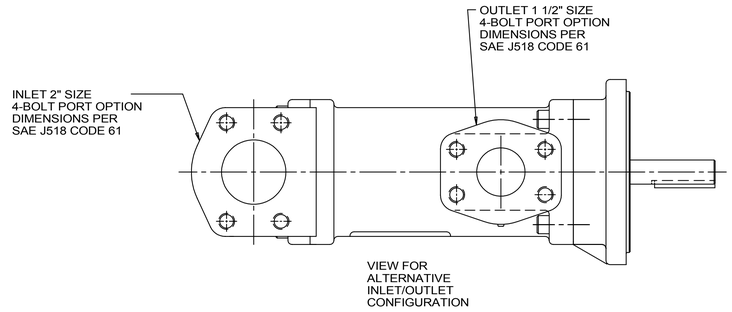
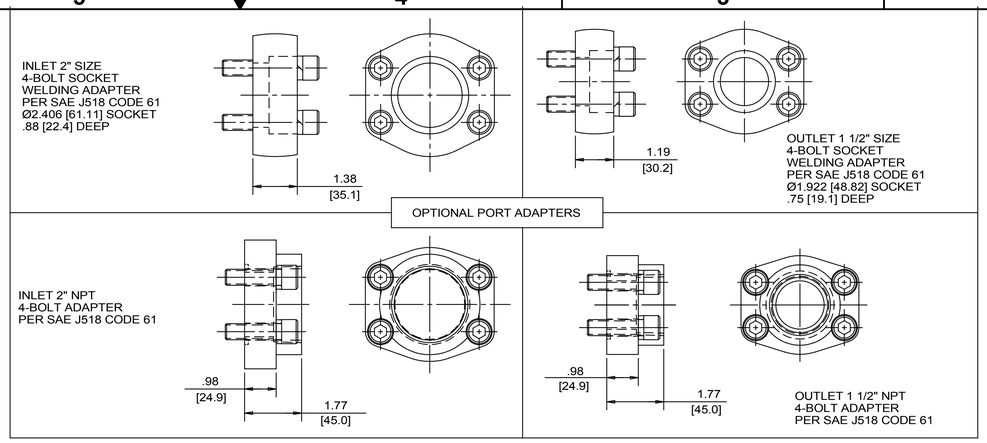
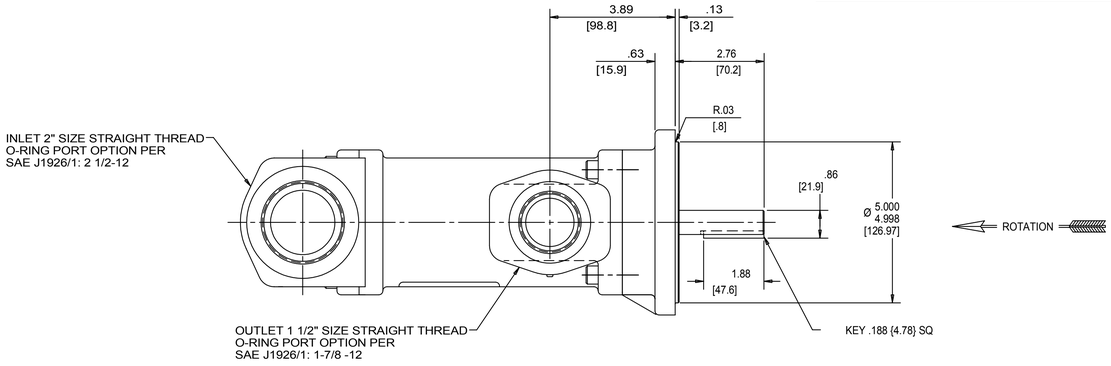
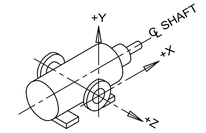
REVISION HISTORY						
CHG NO	ZONE	REV	DESCRIPTION	DATE	BY	APPROVED
11-0187	A1	6	CHANGED TITLE, WAS AA3G	5-17-11	ERH	ERH







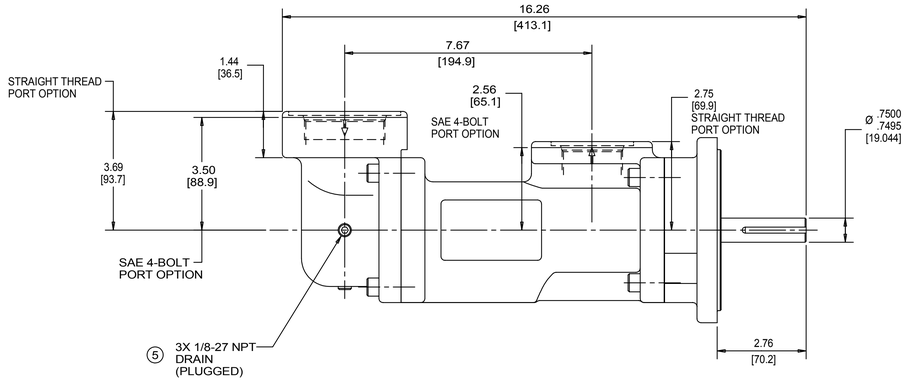


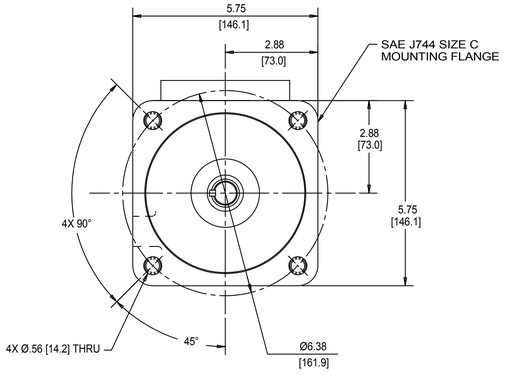
COORDINATE SYSTEM FOR MAXIMUM
PUMP FORCES (F) AND MOMENTS (M)

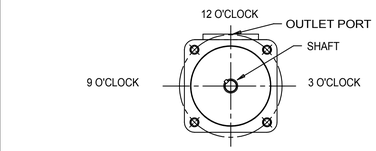
INLET:
FX= 150 LBF [667 N] MX= 250 LB FT [339 N.m]
FY= 150 LBF [667 N] MY= 250 LB FT [339 N.m]
FZ= 150 LBF [667 N] MZ= 250 LB FT [339 N.m]

OUTLET:
FX= 113 LBF [500 N] MX= 188 LB FT [254 N.m]
FY= 113 LBF [500 N] MY= 188 LB FT [254 N.m]
FZ= 113 LBF [500 N] MZ= 188 LB FT [254 N.m]

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







DRAWING CERTIFICATION

CUSTOMER NAME ----------

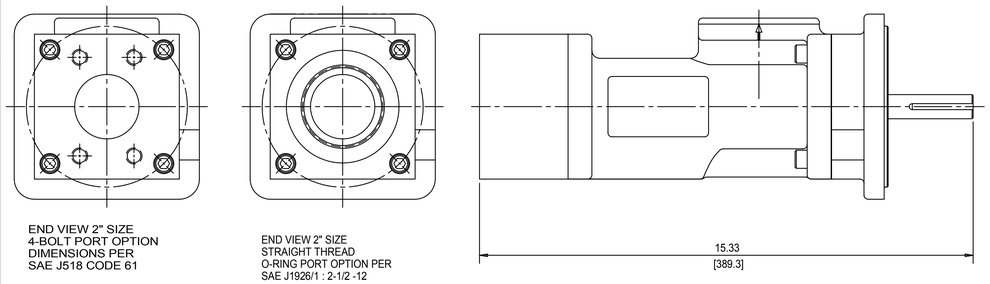
CUSTOMER PO NUMBER ---------
CUSTOMER PART NUMBER -------

BOM NUMBER ----------
PUMP TYPE ----------
SHAFT ROTATION ----------
INLET PORT ORIENTATION -----
INLET PORT OPTION ----------
INLET ADAPTER OPTION -------
OUTLET PORT OPTION ---------
OUTLET ADAPTER OPTION ------

OTHER INFORMATION

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

VIEWS FOR ALTERNATE AXIAL INLET PORT CONFIGURATION



NOTES:

1. PORT ORIENTATIONS SUPPLIED AS SHOWN
   UNLESS OTHERWISE SPECIFIED.

2. ALTERNATE RADIAL INLET PORT ORIENTATION PROVIDED
   IF SPECIFIED ON ORDER. AVAILABLE ALTERNATE ORIENTATIONS
   ARE 3, 6, 9, AND 12 O'CLOCK RELATIVE TO OUTLET PORT.

3. BOLT PATTERN FOR SAE 4-BOLT AXIAL INLET
   IS ALWAYS ORIENTED AS SHOWN WITH RESPECT TO
   OUTLET PORT.

4. APPROXIMATE PUMP WEIGHT (WITHOUT ADAPTERS): 41.3 LBS. {18.8 kgs}

5. UNLESS OTHERWISE SPECIFIED,
   ALL DIMENSIONS ARE IN INCHES.
   DIMENSIONS IN [ ] ARE MILLIMETERS.

DRAWN	CDH	6-14-99	
CHECKED	NRS	6-15-99	
APPD	CDH	6-15-99	
METHODS			

MATERIAL
PROCESS

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 F.M.
PRESTARTING:
FLUSH SUCTION PIPING BEFORE CONNECTING PUMP. PRIME AND VENT PUMP. READ INSTRUCTION MANUAL FOR DETAILS BEFORE STARTING.

THIRD ANGLE PROJECTION

FIRST ORDER
E1102A

USED ON

Imo Pump
1710 Airport Road
PO Box 5020
Monroe, NC USA
28111.5020

TITLE
OUTLINE STANDARD (IRON)
3G/NN__IA[143/1621__

SIZE	CAGE CODE	DWG NO
F	59180	SDD19719

SCALE	WEIGHT	SHEET
1/2	SEE NOTE 4	1 OF 1