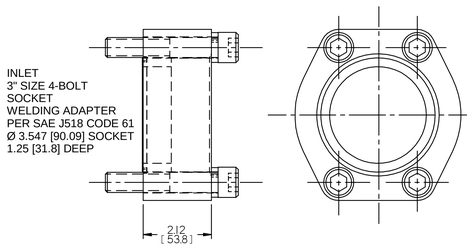
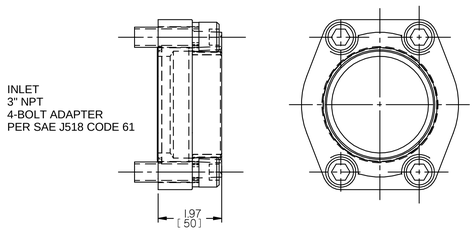
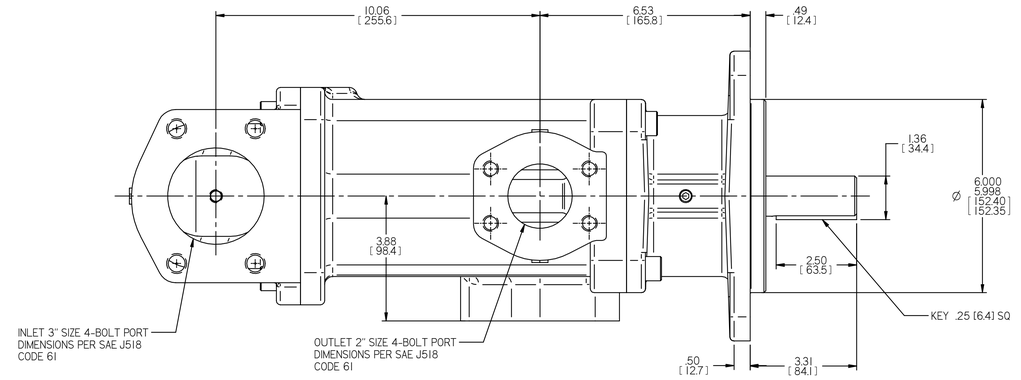
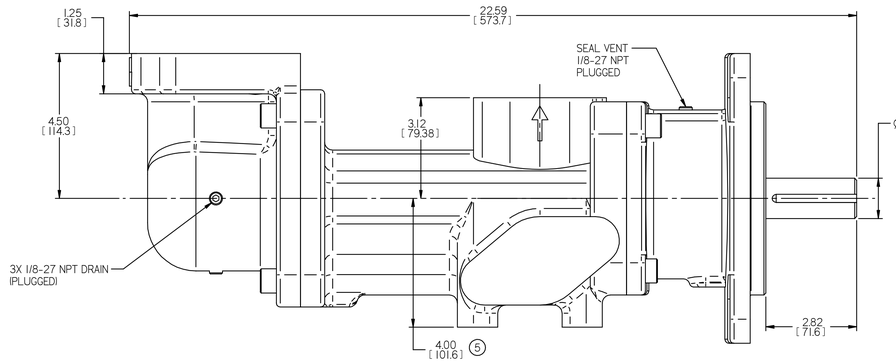
REVISION HISTORY						
CHG NO	ZONE	REV	DESCRIPTION	DATE	BY	APPROVED
11-0187	ALL	7	CHANGED TITLE, WAS AA3G	5-16-11	ERH	ERH
11-0423	C1	8	CHANGED OUTLET MOMENT Z 339 WAS 329	11-1-11	ERH	ERH
11-0458	B4	09	ADDED DROP DOWN OPTIONS	11-21-11	CHH	CHH

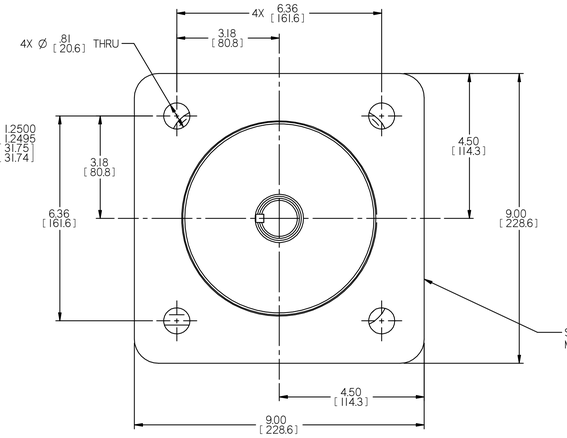


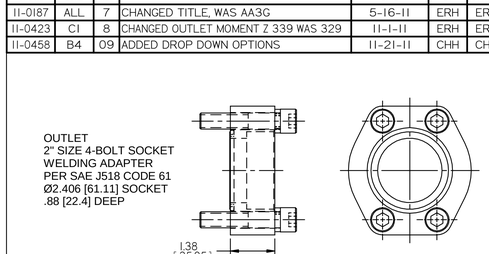


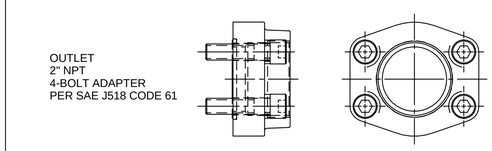
OPTIONAL INLET PORT ADAPTERS



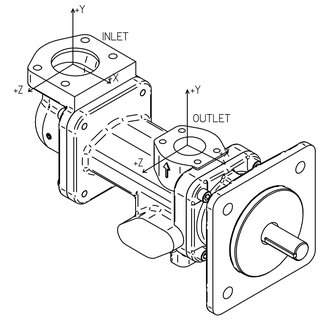




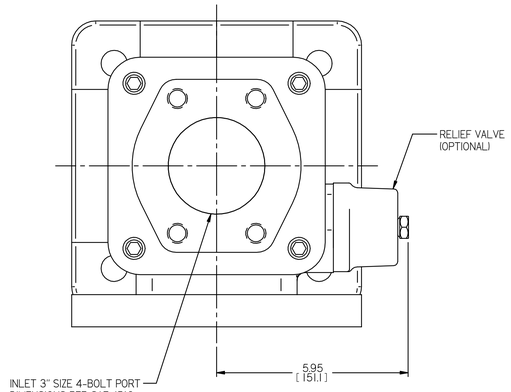


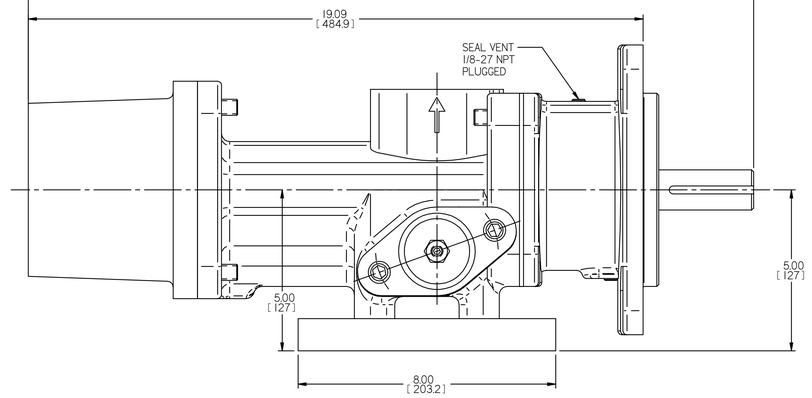


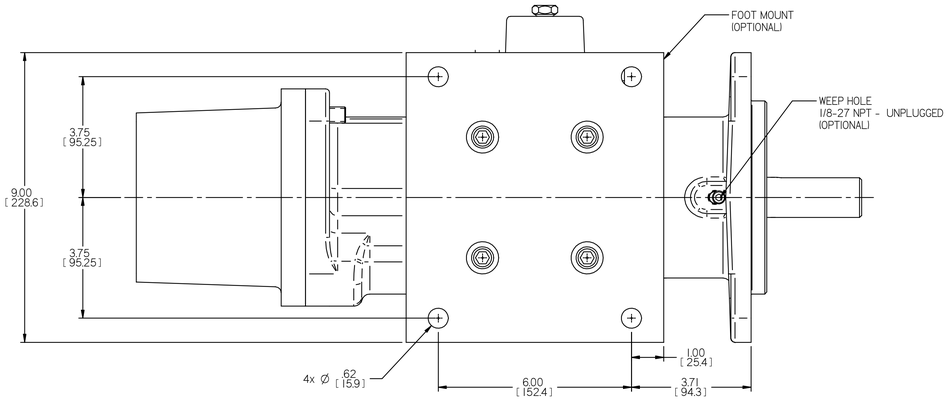
OPTIONAL OUTLET PORT ADAPTERS

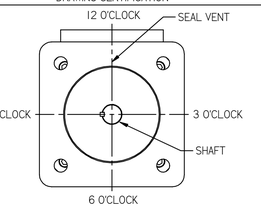


VIEWS FOR ALTERNATIVE AXIAL INLET, FOOT MOUNT, WEEP HOLE AND RELIEF VALVE CONFIGURATIONS







DRAWING CERTIFICATION

*** SEE NOTES 1, 2, & 3 ***
CUSTOMER NAME :
CUSTOMER PURCHASE ORDER NUMBER :
CUSTOMER PART NUMBER :
BILL OF MATERIAL NUMBER :
PUMP TYPE :
(9) SHAFT ROTATION :
INLET PORT ORIENTATION :
OUTLET PORT ORIENTATION :
FOOT BRACKET ORIENTATION :
INLET PORT OPTION :
INLET ADAPTER OPTION :
OUTLET ADAPTER OPTION :
RELIEF VALVE SET PRESSURE : IF APPLICABLE
OTHER INFORMATION
CERTIFIED BY
CERTIFIED DATE
IMO ORDER NUMBER
DATA REVISION NUMBER

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

INLET:
FX= 225 LBF [1000 N] MX= 375 LB FT [508 N•m]
FY= 225 LBF [1000 N] MY= 375 LB FT [508 N•m]
FZ= 225 LBF [1000 N] MZ= 375 LB FT [508 N•m]

OUTLET:
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]

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

NOTES:
1. 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.

2. PORT, FOOT, AND SEAL VENT ORIENTATIONS ARE SUPPLIED AS SHOWN ON DRAWING UNLESS OTHERWISE SPECIFIED.

3. ALTERNATE PORT AND FOOT ORIENTATIONS ARE PROVIDED IF SPECIFIED ON ORDER. AVAILABLE ORIENTATIONS ARE 3, 6, 9, AND 12 O'CLOCK.

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

5. APPROXIMATE PUMP WEIGHT (WITHOUT ADAPTERS)
187 FLANGE MOUNT PUMP---------124 LBS. [56.2 kgs]
187 FOOT MOUNT PUMP----------139 LBS [63.1 kgs]
200 FLANGE MOUNT PUMP--------117 LBS [53.1 kgs]
200 FOOT MOUNT PUMP---------- 136 LBS [61.7 kgs]

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

IRON 3G-187/200

DRAWN	CDG	9-10-01
CHECKED	DMM	9-13-01
APPD	ERH	9-13-01
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) TIR.
PRESTARTING:
FLUSH SUCTION PIPING BEFORE CONNECTING PUMP. PRIME AND VENT PUMP. READ INSTRUCTION MANUAL FOR DETAILS BEFORE STARTING.

THIRD ANGLE PROJECTION

USED ON

FIRST ORDER
E1109A

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

TITLE
OUTLINE STANDARD (IRON)
3G/_____[187/200]__

SIZE	CAGE CODE	DWG NO
F	59180	SDD19901

SCALE 1/2 WEIGHT SEE NOTE 5 SHEET 1 OF 1