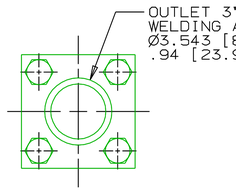
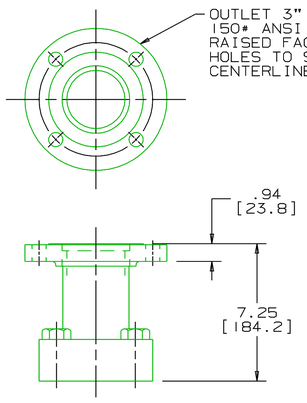
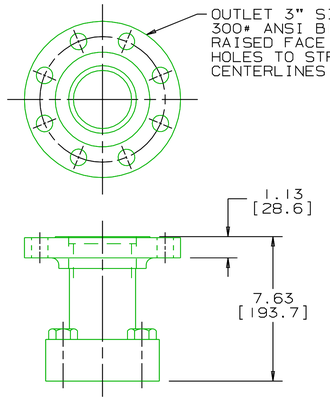
REVISION HISTORY						
CHG NO	ZONE	REV	DESCRIPTION	DATE	BY	APPROVED



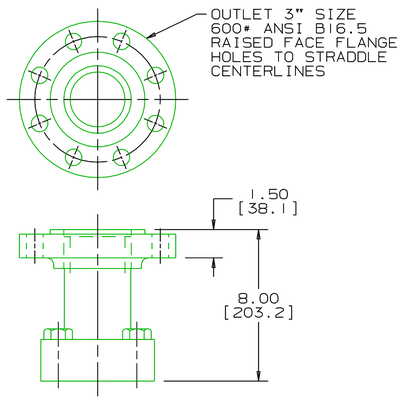
SOCKET WELDING
OUTLET OPTION



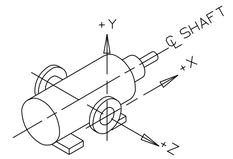
150# RF
OUTLET OPTION



300# RF
OUTLET OPTION



600# RF
OUTLET OPTION

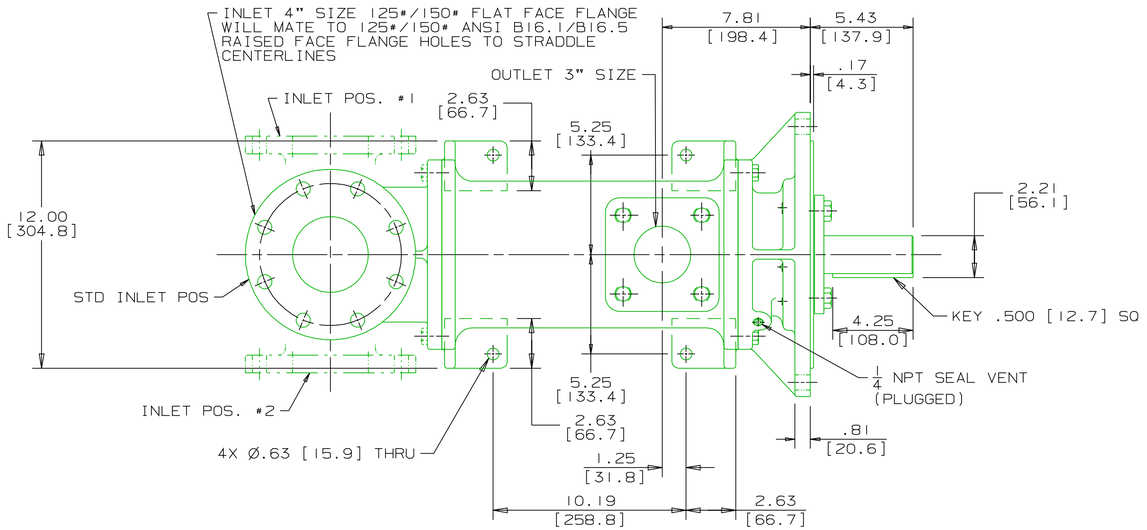


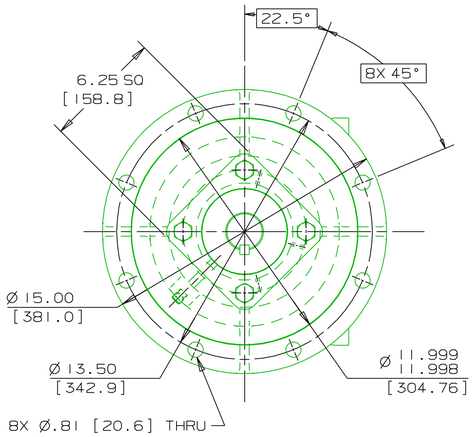
COORDINATE SYSTEM FOR MAXIMUM
PUMP FORCES (F) AND MOMENTS (M)

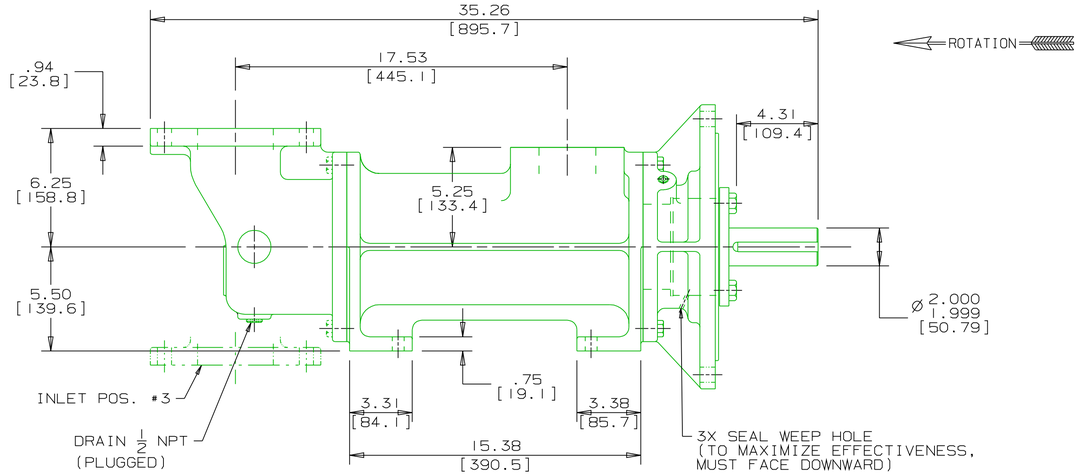
INLET:
FX=300 LBF[1330 N] MX=500 LB FT[678 N·m]
FY=300 LBF[1330 N] MY=500 LB FT[678 N·m]
FZ=300 LBF[1330 N] MZ=500 LB FT[678 N·m]

OUTLET:
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]

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







NOTES:
1. UNLESS OTHERWISE SPECIFIED,
   ALL DIMENSIONS ARE IN INCHES.
   DIMENSIONS IN [] ARE MILLIMETERS.
2. TO MAXIMIZE SEAL LIFE, SEAL VENT MUST
   BE ORIENTED UPWARD (12 O'CLOCK) WHEN
   PUMP IS INSTALLED HORIZONTALLY. THIS IS
   NORMAL VENT ORIENTATION WHEN PUMP FEET
   ARE ORIENTED DOWNWARD. SEAL VENT ORIENTATION
   IS NOT CRITICAL WHEN PUMP IS INSTALLED WITH
   SHAFT VERTICALLY UPWARD.
3. PORT, FOOT, AND SEAL VENT ORIENTATIONS
   ARE SUPPLIED AS SHOWN ON DRAWING UNLESS
   OTHERWISE SPECIFIED.
4. ALTERNATE INLET PORT POSITIONS ARE PROVIDED
   IF SPECIFIED ON ORDER. AVAILABLE POSITIONS
   ARE: STANDARD, POSITION #1, POSITION #2 OR
   POSITION #3. ALL INLET PORT POSITIONS ARE
   RELATIVE TO OUTLET PORT.
5. ESTIMATED WEIGHT (WITHOUT PORT ADAPTERS)
   360 LBS [163.3 kg].

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

FACE MOUNT, RIGHT ANGLE INLET
STEEL 3D-312

MATERIAL			
PROCESS			
COMMENTS: STANDARD ROTATION IS CLOCKWISE WHEN VIEWED FROM COUPLING END OF PUMP. 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 [0.15] F.I.M. PRESTARTING: FLUSH SUCTION PIPING BEFORE CONNECTING PUMP. PRIME AND VENT PUMP. DO NOT START PUMP WITH VALVES CLOSED. READ INSTRUCTION MANUAL FOR DETAILS BEFORE STARTING.			

DRAWN	DMM	11-30-00	
CHECKED	DMM	12-6-00	
APPD	DMM	12-6-00	
METHODS			

THIRD ANGLE PROJECTION | FIRST ORDER: EB122A | USED ON: 3220/159

WEB ADDRESS: WWW.IMO-PUMP.COM EMAIL: IMO.PUMP@COLFAXCORP.COM

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

TITLE: OUTLINE STANDARD (STEEL)
AG3D_CS_-312__

SIZE	CAGE CODE	DWG NO
D	59180	SDD20057

SCALE 1/4 | WEIGHT SEE NOTE 5 | SHEET 1 OF 1