

[illegible]

3X10 DA BP5.9-1

SHEET 10F 3

ALLOW .25" FOR VARIATION OF NOZZLE FLANGE FACES, DRAINS, CENTERLINE HEIGHT FOUNDATION BOLT HOLES AND ALL OTHER NOMINAL DIMENSIONS UNLESS OTHERWISE SPECIFICALLY TOLERANCED.

PIPING AND FITTINGS NOT REFERENCED ARE TO BE FURNISHED BY THE CUSTOMER. DO NOT CONNECT TO PIPE TAPS UNLESS SPECIFIED ON DRAWING. REFER TO ALL CONNECTIONS LISTED BELOW ARE SHIPPED PLUGGED. REFER TO INDIVIDUAL NOTES FOR DETERMINATION ON HOW EACH CONNECTION IS TO BE USED.

PROVISION MUST BE MADE TO SUPPORT PIPING EXTERNAL TO THE PUMP TO PREVENT EXCESSIVE NOZZLE LOADS AND MAINTAIN PUMP-DRIVER ALIGNMENT.

ALL HOLES IN FLANGES STRADDLE CENTERLINE.

WARNING: OPERATION AT LOW FLOWS RESULTS IN PUMP HORSEPOWER HEATING THE LIQUID. A BY-PASS MAY BE REQUIRED TO PREVENT VAPORIZATION AND SUBSEQUENT PUMP DAMAGE. REFER TO LOCAL I.R. BRANCH TO DETERMINE IF A BY-PASS IS REQUIRED. MECHANICAL DAMAGE MAY RESULT FROM CONTINUOUS OPERATION AT FLOWS LESS THAN 25 PERCENT OF THE BEST EFFICIENCY POINT OF THE PUMP - REFER TO THE PUMP CURVE.

THIS DRAWING IS NOT TO SCALE-WORK FROM DIMENSIONS.

DIMENSIONS SHOWN IN INCHES.

REALIGN UNIT AND READ INSTRUCTION BOOK BEFORE STARTING (OR ROTATING) EQUIPMENT.

B	0.50PT	STUFF. BOX-PUMPING RING OUTLET-SEAL PIPING CONN.
E	0.75PT	DRAIN-BEARING BRACKET
F	0.75PT	DRAIN-DISCHARGE NOZZLE AND CASING-PLUGGED
G	0.75PT	DRAIN-SUCTION NOZZLE-PLUGGED
R1	0.75PT	VENT-PLUGGED
AA	0.50PT	MECH. SEAL-GLAND-VENT OR QUENCH
BA	0.50PT	MECH. SEAL-GLAND-DRAIN
EA	0.50PT	MECH. SEAL-ORIFICE FLUSHING CONN.

SEAL PIPING FURNISHED BY I.R. CO.

INGERSOLL-RAND COMPANY  
I.R. ORDER NO. 012-36461 IT. #3  
CUST. ORDER NO. PP3263-8 A/D  
PP3263-135P  
CUST. ITEM NO. 41401A/B  
L.N. 62081732  
SHEET 2 OF 3  
GENERAL ARRANGEMENT

EXPECTED VERTICAL RISE OF EQUIPMENT .005  
CHECK EQUIPMENT FOR FINAL ALIGNMENT WHEN HOT

PUMPS OPERATING AT 200° AND OVER, EXPAND TOWARD OUTBOARD  
END OF PUMP. LOCKNUTS FURNISHED. DO NOT CLAMP PUMP FOOT.  
TWO GIBS FURNISHED FOR PUMP FEET AT OUTBOARD END. ONE 0.62  
TAPPED HOLE AND TWO DRILLED HOLES FOR #7 TAPER DOWEL PINS  
REQUIRED IN BASE FOR EACH GIB. LOCATE AT ASSEMBLY. ALLOW  
.010 CLEARANCE BETWEEN PUMP FOOT AND GIB.

INGERSOLL-RAND COMPANY  
I.R. ORDER NO. 012-36461 IT. #3  
CUST. ORDER NO. PP3263-8 AND  
PP3263-135P  
CUST. ITEM NO. 41401A/8  
L.N. 62081732  
SHEET 3 OF 3  
GENERAL ARRANGEMENT