

PROCESS CONNECTIONS		
Code	Size & Rating	Description
N1	1 1/2" - ANSI 300LB-RF	Discharge
N2	3/4" - ANSI 300LB-RF	Mechanical seal vent
N3	3/4" - ANSI 150LB-RF	Cooling Water Inlet
N4	3/4" - ANSI 150LB-RF	Cooling Water Outlet
N5	3/4" - ANSI 300LB-RF	Flange With valve
N6	3/4" - ANSI 300LB-RF	Flange With valve
N7	1/2" Quick Fittings	Plan53A Filling
N8	3/4" - ANSI 300LB-RF	Plan53A Vent
N9	3/4" - ANSI 300LB-RF	Plan53A Cooler Drain

Center of gravity List			
Item	X	Y	Z
Pump	0	0	-1106
Motor	0	0	1590
Units	-28	0	-618

MINIMUM CLEARANCE FOR MAINTENANCE AND DISMANTLING (mm)		
Wearing Ring	0.7~0.8	
Shaft Bushing / Shaft Sleeve	0.3	
Bearing / Cover	0.08~0.15	

Code	Description
①	Plan4 Flushing
②	Barrier Fluid Pipeline (from seal chamber)
③	Barrier Fluid Pipeline (to seal chamber)
④	Plan53A Drain
⑤	Plan53A Filling
⑥	Plan53A Vent
⑦	Plan53A Cooler Drain
⑧	No. Pipeline
⑨	Short Bushing Flushing Pipeline

WEIGHT TABLE	
PUMP	675 KG
MOTOR	259 KG
SEAL SYSTEM	80 KG
MOUNTING PLATE	233 KG
COUPLING	4 KG
OTHERS	20 KG
TOTAL WEIGHT	1271 KG
ROTOR OF PUMP	87 KG
ROTOR OF MOTOR	37 KG
MAX. MAINTANCE WEIGHT	675 KG

MAX. ALLOWABLE MISALIGNMENT (mm)		
Outer Diameter	Radial Displacement	Axial Tilt
D ≤ 200	< 0.05	< 0.2 / 1000
200 < D ≤ 300	< 0.08	< 0.3 / 1000
300 < D ≤ 400	< 0.1	< 0.4 / 1000

