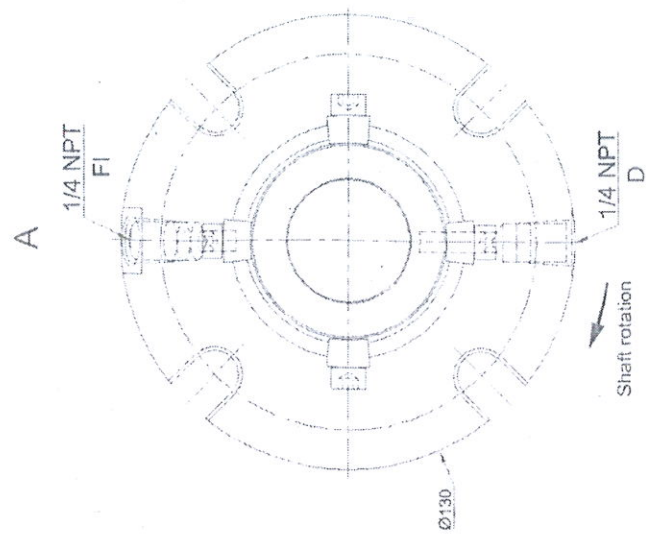


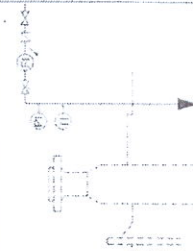
1. Mechanical seal is supplied tested and securely packaged ready for installation.
 2. Check dimensions before installation.
 3. AISI304 steel may be replaced with a close equivalent. CrNi AUS steel.
 4. Before mounting the seal install plugs as required Use suitable thread sealant such as Loctite-542, PTFE thread sealing cord, or similar material
 5. Before the installation make sure that the surface "C" is clean and free of scratches and lugs.
 6. When tighten nuts of gland studs make sure that the gland fit the surface "C" of the pump completely without the gap all around the full circle.
 7. Tighten gland nuts by approximate torque 100 N·m (not less) to compress gasket item 14
 8. Tighten set screws item 11 equally crosswise, in 4 steps. Final torque: 6.1 N·m.
 9. Do not: retighten screws item 10.
 10. Remove clips item 9 before start-up.
 11. Maximum axial movement (design) ± 1 mm.
 12. Install clips item 9, before removing seal.
 13. After pump unit qualification water tests, before shipment, seal chamber must be made totally free from sealant.
- Seal cartridge should be 100% drained and dried (with air).
4. Manufactured according to GTO 56508584-001-2013 ITY 3619-006-56508584-03

A ↓



Description:
FI - flow indicator;
PI - pressure indicator;
TI - temperature indicator;
D - drain.

PIPING REQUIREMENTS



23 Feb 19

Flush is injected into the seal chamber from an external source. Care must be exercised in choosing a proper source of seal flush to eliminate potential for vaporization of the injected fluid and to avoid contamination of the fluid being pumped with the injected flush.

Item	Part No	Description	Qty	Material**	Spaces
1.1	104925	Gland	1	AISI304	
1.2	104937	Gland	1	AISI304	
1.3	20061	Screw	4	A2	*
2	104927	Shaft Sleeve	1	AISI304	
3	37318	Lock ring	1	AISI304	
4	22630	Pusher	1	AISI316	
5	20706	Spring	4	SPX	*
6	22632	Mating Ring	1	S-SiC	*
7	22633	Mating Ring	1	S-SiC	*
8	22631	Ring	1	AISI316	
9	22178	Clip	4	2C-13	
10	19621	Screw	2	A2	*
11	11701	Screw	4	A2	*
12	13555	Screw	4	A2	*
13	20652	Pin	1	A4	
14	4124	O-Ring	1	Viton	*
15	12516	O-Ring	1	Viton	*
16	21038	O-Ring	2	Viton	*
17	20292	O-Ring	1	Viton	*
18	42695	Snap Ring	1	AISI302	*
19	15767	Pin	3	A4	
20	75615	Ring	1	PTFE/Graphite	*
21	37012	Ring	1	Bronze	*
22	43793	Plug	2	A2	

1	Customer and equipment data
1.1	Customer
1.2	End user
1.3	Unit
1.4	Equipment chain number
1.5	Equipment type
1.6	Equipment model
1.7	Project No
1.8	Seal Chamber
1.9	Order N. date
2	Working conditions
2.1	Flow
2.2	Liquid
2.3	Temperature, °C
2.4	Viscosity, cSt
2.5	Density, kg/m ³
2.6	Suction pressure, bar g
2.7	Discharge pressure, bar g
2.8	Sea chamber pressure, bar g
2.9	Vapor pressure, bar a
3	Auxiliary
3.1	API 602 Fluid
3.2	Buffer liquid
3.3	Uniflow Valve, mm
3.4	Driving of pump
4	Mechanical seal
4.1	Design
4.2	Seal data
4.3	Size of spacer
4.4	External seal

RO-0350-24838

68007

310-P3 Unit CCR

PCN-50/250