

CASE HISTORY REPORT



INPRO/SEAL

Name of the Company: **Seyfert Descartes**

Location: **Descartes (37) France**

Plant: **Paper Mill**

Final Product: **Paper for corrugated**

The paper mill SEYFERT DESCARTES, belonging to the German holding SEYFERT, produces 140 000 tonnes of paper a year, for packaging in corrugated cardboard; he is one of the major French manufacturers.

Seyfert Descartes were submitted to one to few breakings every year on his pillow blocks of pulpers (Black-Clawson), due to infiltrations of pulp.

In 2004, Seyfert Descartes equipped a pulper pillow block SKF SNH 530 with INPRO/SEAL Bearing Isolators, avoiding the contaminants to come into the bearing.

Nowadays, the pillow block has only been dismantled once for control, and the good condition of the equipment has allowed a reassembling without changing the Bearing Isolator and the bearing. This has avoid some repairing costs

The Paper Mill Seyfert Descartes is able to certify the good results of this type of sealing devices, and thinks of equipping other machines.



Company
Certification

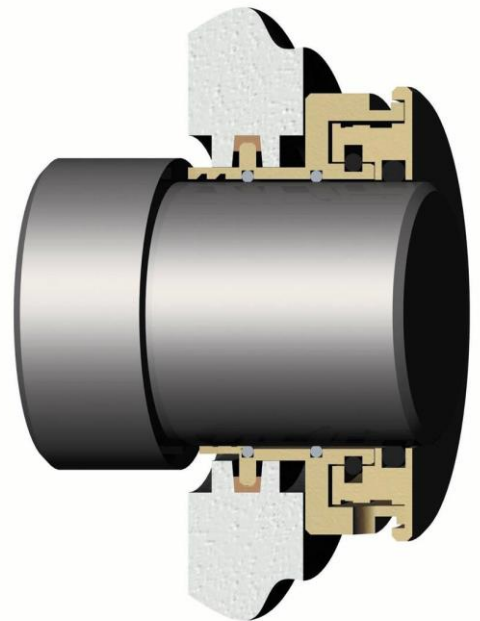


TECHNICAL DETAILS :

Équipement: Pillow Block SKF SNH 530



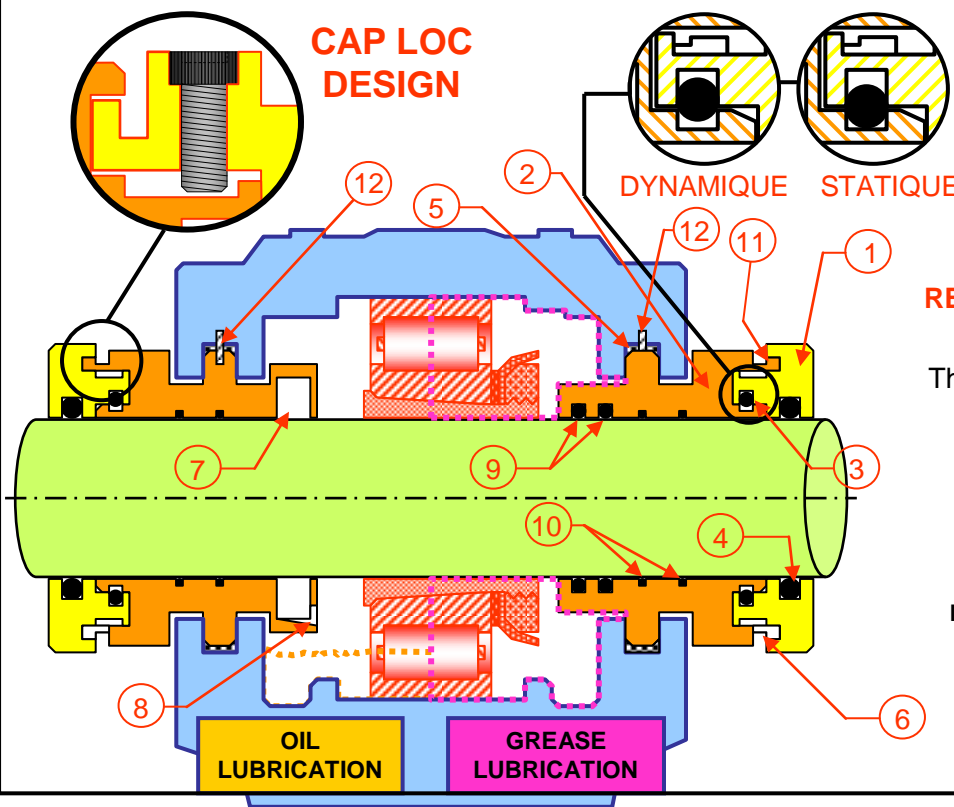
Model Inpro/Seal: VBXX Sphère Align Ø 135 mm
Ref: 1401-A-28435-0



INPRO/SEAL™

VBXX-D® - SPHERE ALIGN

- 1 ROTOR
- 2 STATOR
- 3 "VBX"® O-RING
- 4 DRIVE SHAFT O-RING
- 5 EXPANDED PTFE or LOCTITE®
- 6 EXPULSION PORT
- 7 "D"® OIL RETENTION GROOVE
- 8 OIL RETURN
- 9 GREASE RESTRICTION BAND
- 10 TEFLON SKATE
- 11 XX® INTERFACE LABYRINTH
- 12 ANTI ROTATION PIN



RECOMMENDED OPERATING CONDITIONS

This Isolator is designed to operate with a horizontal rotating shaft.

Continuous Temperature limit:
- 35°C to + 205°C

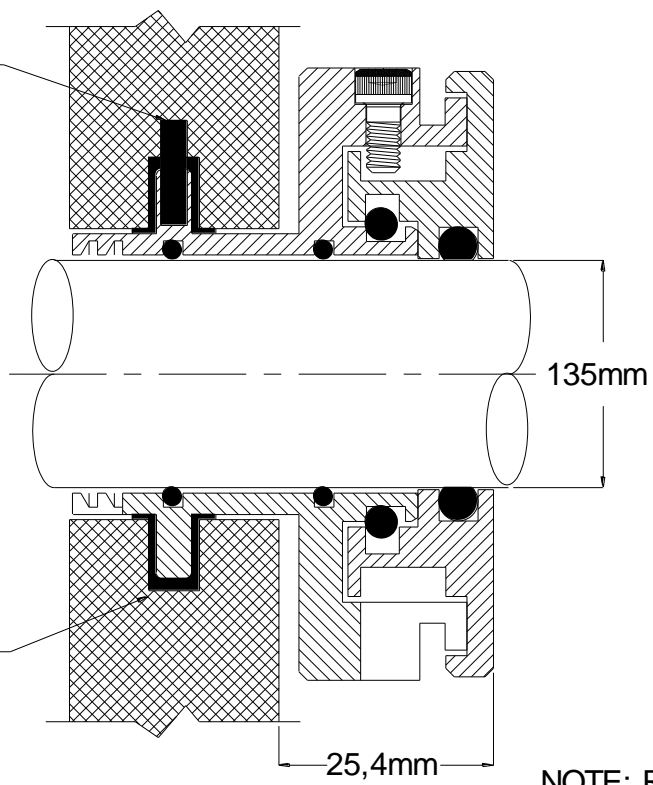
Maximum Shaft runout:
± 0,13 mm

Maximum shaft-to-bore misalignment:
0,18 mm

Maximum axial movement = 0,25 mm
20 mm in CAP LOC DESIGN

Maximum shaft surface speed:
61 M/sec

ANTI ROTATION PIN @ 12 O'CLOCK
(Perçage à prévoir)




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 APPROVED SIGNATURE

SNH 530

NOTE: RTV FILL CAP LOC DESIGN WITH ANTI-ROTATION PIN

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REVS:			5,378,000	5,069,461		
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