

CASE HISTORY REPORT



INPRO/SEAL

Company name: Miquel y Costas **Location:** Besos Plant - Barcelona
Industry : Pulp & Paper **Final product:** Special cigarette paper

Miquel y Costas group produces in their Besos - Barcelona plant, special paper for cigarettes.

Height Beloit-Jones disc refiners are used to prepare the paper stock. The important leakage from the stuffing box packing is responsible for a lot of bearing failures.

End of 2003, EPIDOR Company, Spanish distributor of INPRO/SEAL, has proposed the installation of P.M.R DESIGN labyrinth on the refiner bearing housing. Due to the 20 mm of shaft axial movement, Flange Mount Design has been chosen.

With the very good result obtained, the 7 other refiners have been equipped.

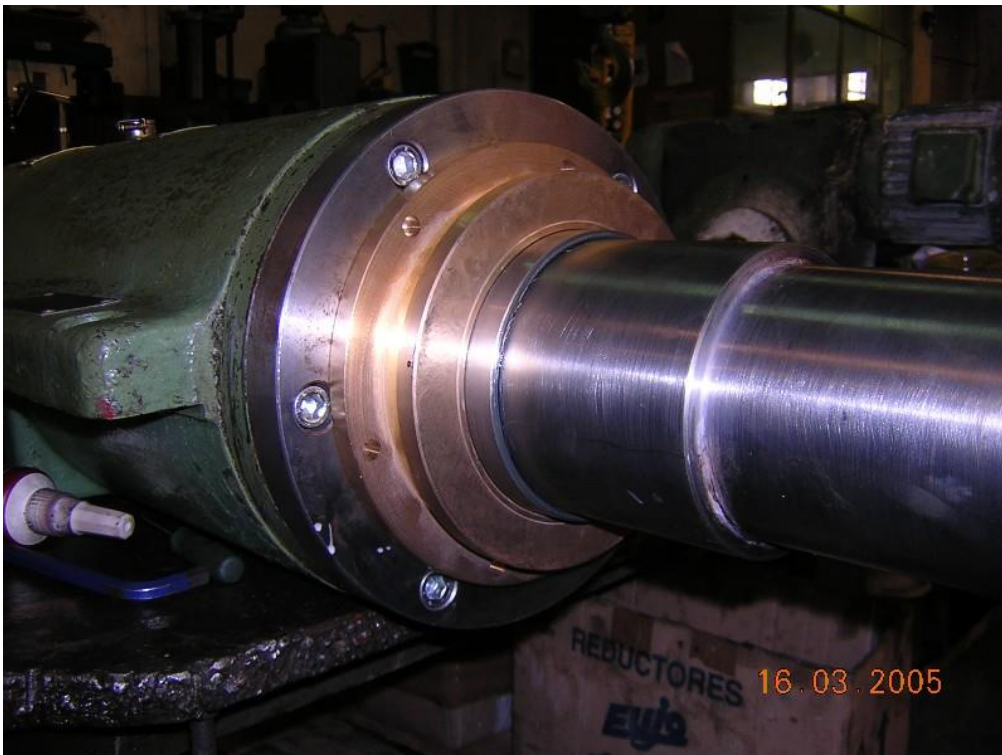
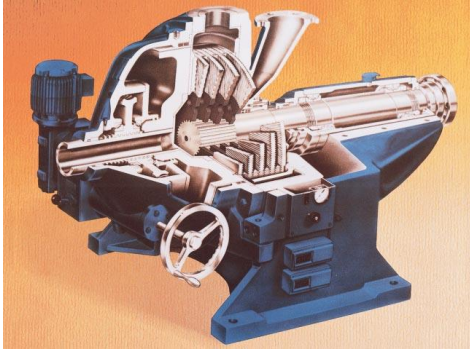
The mechanical Repair shop of Miquel y costa & Miquel plant is able to certify the good result of this type of sealing devices.



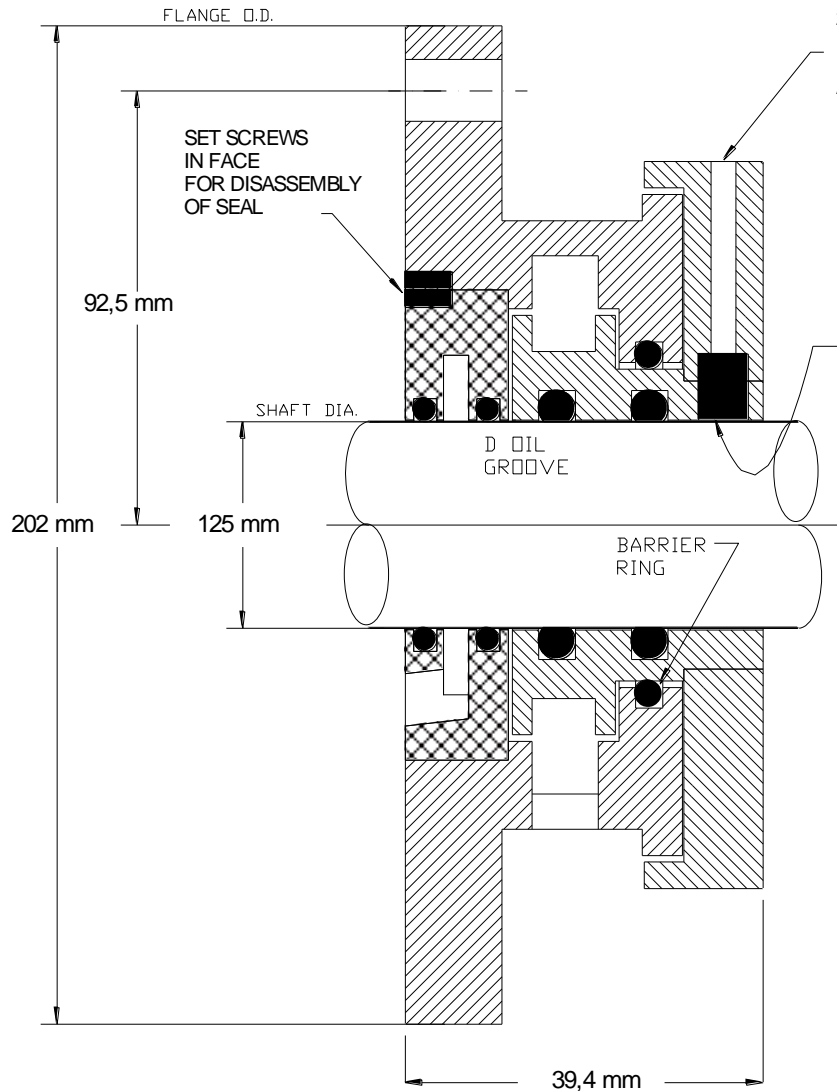
Inpro/Seal Model: PMR DESIGN – FLANGE MOUNT
Ø 125mm x 202 mm
Réf: P.N° 4101-A-27795-0

TECHNICAL DETAILS:

Équipement:
Disc Refiner :



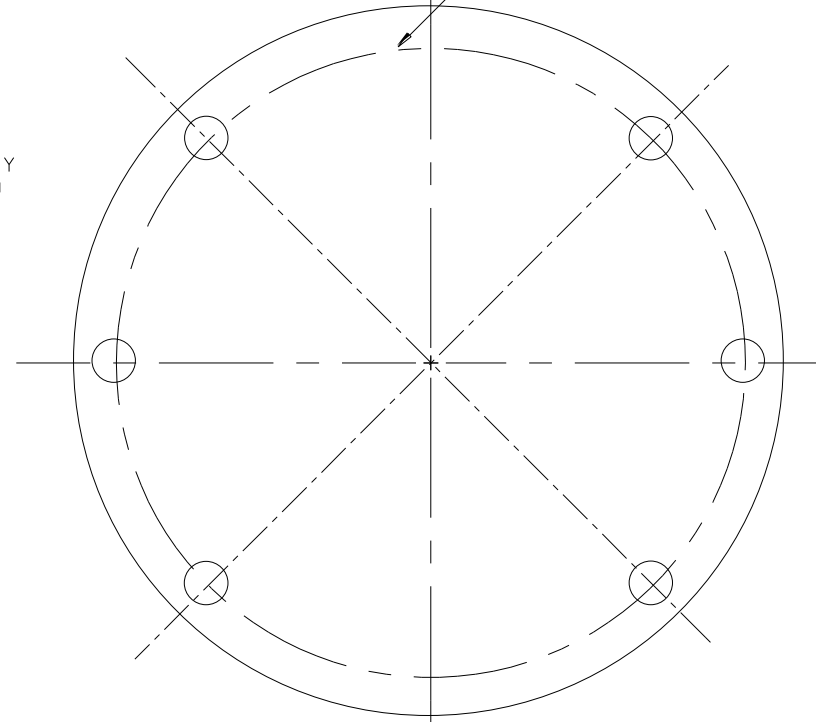




2,38 mm (3/32") HOLES FOR PUSHING OUT PINS IF NEED TO REMAKE ANY PART OF ISOLATOR

PINS EQUALLY SPACED

(6) 9 mm holes at 185 mm



DRIVE RING CRUSH REDUCED TO 0,25 mm TO ALLOW FOR 30 mm AXIAL SHAFT MOVEMENT

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U.S. PATENTS:	
5,378,000	5,069,461
5,335,921	4,989,883
5,221,095	4,706,968
5,161,804	4,466,620
5,158,304	4,304,409
5,137,049	4,175,752
5,074,567	4,114,902

INPRO/SEAL	
BEARING ISOLATOR	
DATE	
AND OTHERS PENDING	

