2750

ANOTHER DOUBLE MECHANICAL SEAL SPECIFICALLY DESIGNED FOR HEAVY-DUTY EQUIPMENT SUCH AS PRESSURE SCREENS



TECHNICAL FEATURES

- Double-balanced, which makes the construction fully independent of pressure changes in both process and barrier fluid.
- Design is unaffected by pressure changes.Two sets of multi spring structures on the inner and outer sides of the double seal provide more stable spring loads for the two pairs of friction pairs, without affecting each other.
- It's designed for minimum damage risk — the rugged construction for all applications prevents failure and provides long and trouble-free service.
- New type of diversion pipe diversion design, buffering fluid directly to the friction pair.
- Easy installation and low maintenance costs. Ultimate reliability for screen sealing requirements.
- It is recommended to use GLD (plan 54) for seal water control.

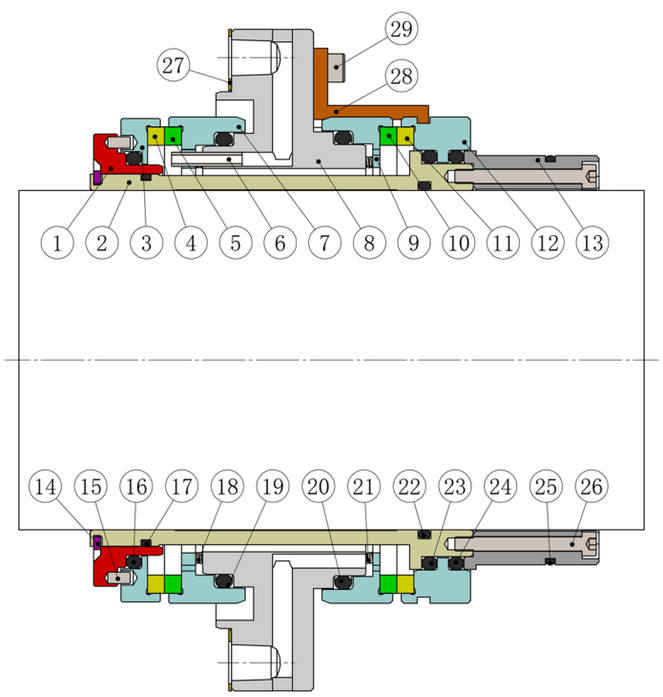
APPLICABLE CHAMBERS TYPE

Mainly used in equipment of this brand: Andritz, AHLSTROM, VALMET，Metso Paper, Voith, Toscotec, etc.Size range varies from 50mm to 200mm.

TYPICAL INDUSTRIAL APPLICATIONS

2750 is a double-acting seal particularly engineered to suit pumps, screens, knotters, sorters and pulpers in heavy process industries where liquids containing solid particles and impurities are involved.

PRODUCT STRUCTURE DIAGRAM



RECOMMENDED PIPING PLANS

Between seals	52, 53A, 53B, 53C, 54

PERFORMANCE CAPABILITIES

Seal Chamber Pressure	⩽ 20 bar
Buffer Chamber Seal Water Pressure	⩽ 15 bar
Temperature	-20 ° C ~+ 180 °C
Sliding velocity	⩽ 30 m/s
Material Options	316SS, Duplex Steel, Titanium, Other alloy etc.
Suitable Media	Water, various types of oils, solvents, pulp, and other media

THE COMPARISON CHART OF STANDARD MATERIAL

NO.	Name	Material
1	Drive Ring	316SS/Hast.C/D2205/D2507/904L
2	Sleeve	316SS/Hast.C/D2205/D2507/904L
3,12	Rotary Seat	316SS/Hast.C/D2205/D2507/904L
4,11	Rotary Face	Carbon/SIC/TC
5,10	Stationary Face	Carbon/SIC/TC
6	Hollow pin	316SS
7,9	Stationary Seat	316SS/Hast.C/D2205/D2507/904L
8	Gland	316SS/Hast.C/D2205/D2507/904L
13	Clamp Ring	316SS/Hast.C/D2205/D2507/904L
14	Circlip	316SS
15	Pin	316SS
16,17,19	O-Ring	FKM/EPDM/Aflas/Kalrez
18,21	Spring	Hast.C
20,22,23	O-Ring	FKM/EPDM/Aflas/Kalrez
21	Spring	Hast.C
24,25	O-Ring	FKM/EPDM/Aflas/Kalrez
26,29	Screw	A2-70
27	Gasket	AFI/PTFE
28	Setting Clips	304SS/Cu

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