XMS72

DOUBLE SEALS DESIGNED FOR TOP MIXER





TECHNICAL FEATURES

- Double balanced sealing ring design,with reverse pressure capability,reduces the load on the sealing end face,extends the service life of the seal,and enables the seal to work in a vacuum environment.
- The wear-resistant design of the shaft adopts a locking embrace to tighten the shaft instead of a set screw.
- The inner side can be equipped with an optional groove to prevent graphite chips from entering the kettle.
- Modular design,with multiple optional components to adapt to more complex working conditions.

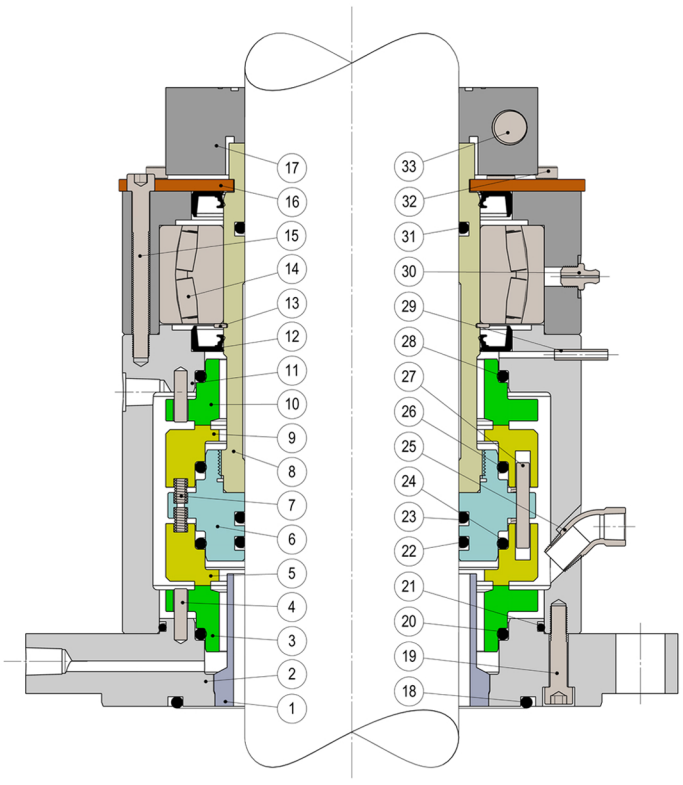
FUNCTION AND APPLICATION

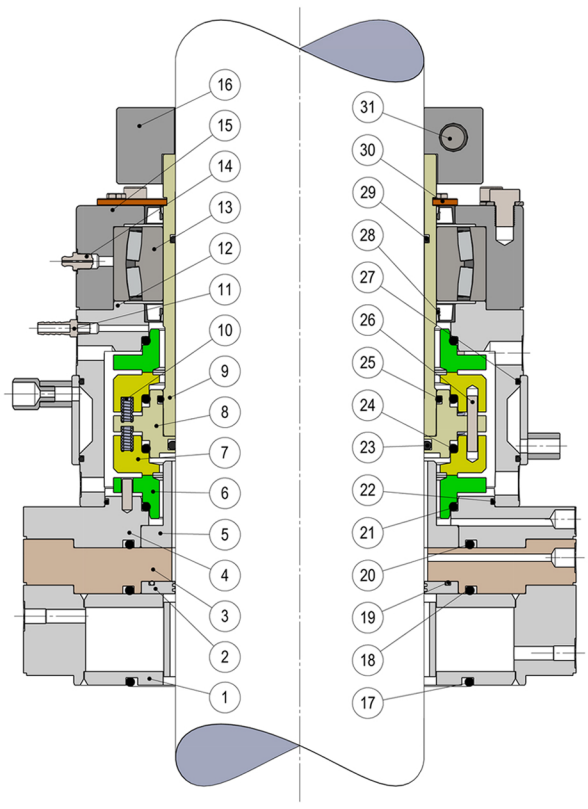
- Double-acting liquid lubricated mechanical seal.
- Two identical pairs of seal rings in a back-to-back arrangement.
- Ideal mechanical seal for applications for medium pressure range up to 40 bar (abs.).
- Use of modular design opens up many different extension options.
- Mechanical seal used most in agitators worldwide.

ACCESSORIES

- Short heat trap for cooling
- Water jacket for cooling
- Collector tray for leakage
- Flushing attachement

PRODUCT STRUCTURE DIAGRAM





TYPICAL INDUSTRIAL APPLICATIONS

- Bulk chemicals
- Polymers
- Specialty chemicals
- Formulated consumer products
- Pharmaceutical products and cosmetics
- Biofuels and bio refineries
- Hydrometallurgy

PERFORMANCE CAPABILITIES

Temperature	-20 ° C ~+ 160 °C
Temperature (Water jacket)	176 ° C ~+ 260 °C
Temperature (Short heat trap)	⩾260°C
Pressure	0-40 Bar
Speed	Up to 20 m/s
Sealing product	Acid-alkaline, low percentage of pulp, water, oil and other similar media

THE COMPARISON CHART OF STANDARD MATERIAL

NO.	Name	Material
1	Deflector	PTFE/316SS
2	Flange	316SS/Hast.C/D2205/D2507/904L
3	Stationary Face	Carbon/SIC/TC
4,27	Pin	316SS/304SS
5,9	Rotary Face	Carbon/SIC/TC
6	Rotary Seat	316SS/Hast.C/D2205/D2507/904L
7	Spring	Hast.C
8	Sleeve	316SS/Hast.C/D2205/D2507/904L
10	Stationary Face	Carbon/SIC/TC
11	Gland	316SS/Hast.C/D2205/D2507/904L
12	Oil seal	NBR/FKM
13	Circlip	316SS/304SS
14	Bearing	Bearing Steel
15,19,32	Screw	A2-70
16	Setting Clips	304SS
17	Clamp Ring	316SS/304SS
18,20,21	O-Ring	FKM/EPDM/Aflas/Kalrez
22,23,24	O-Ring	FKM/EPDM/Aflas/Kalrez
25	Threaded Elbow	304SS/316SS
26,28,31	O-Ring	FKM/EPDM/Aflas/Kalrez
29	Hollow Pin	316SS/304SS
30	Grease Fitting	Cu
33	Screw	A2-70

NO.	Name	Material
1	Water Chamber Assembly	316SS/Hast.C/D2205/D2507/904L
2	Bush Ring	PTFE
3,4	Flange	316SS/Hast.C/D2205/D2507/904L
5	Pin	316SS
6	Stationary Face	Carbon/SIC/TC
7	Rotary Face	Carbon/SIC/TC
8	Rotary Seat	316SS/Hast.C/D2205/D2507/904L
9	Sleeve	316SS/Hast.C/D2205/D2507/904L
10	Spring	Hast.C/316SS
11	Hose Nipple	304SS/316SS
12	Gland	316SS/Hast.C/D2205/D2507/904L
13	Bearing	Bearing Steel
14	Grease Fitting	Cu
15	Bearing Seat	316SS/304SS
16,30	Setting Clips	304SS
17,18,19	O-Ring	FKM/EPDM/Aflas/Kalrez
20,21,22	O-Ring	FKM/EPDM/Aflas/Kalrez
23,24,25	O-Ring	FKM/EPDM/Aflas/Kalrez
26	Pin	316SS/304SS
27,29	O-Ring	FKM/EPDM/Aflas/Kalrez
28	Oil seal	NBR/FKM
31	Screw	A2-70

FBU SEALING TECHNOLOGY（SUZHOU）CO.,LTD

No.183, Yinhe Road, High Tech Industrial Development Zone Changshu Suzhou, Jiangsu, 215533

+86-512-57011188

sale@fbuseals.com

www.fbuseals.com

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