

XMS51A

SINGLE SEAL DESIGNED
FOR EKATO FGD
SIDE-ENTRY
MIXER HWL



► TECHNICAL FEATURES

- Single 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.

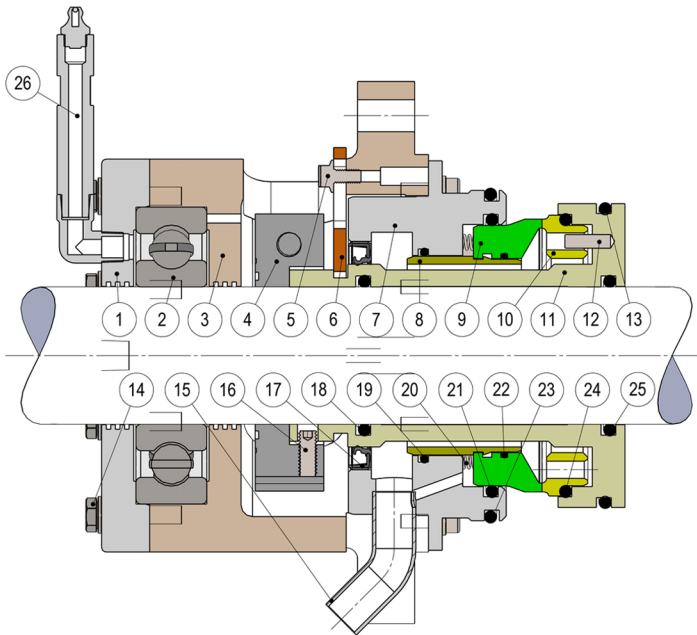
► ADVANTAGES

- Lubricated and cooled by the product no additional hydraulic installations required.
- Special plastics in product wetted parts provide greater protection against caking and corrosion.

► TYPICAL INDUSTRIAL APPLICATIONS

- Flue gas desulfurization (FGD)
- Hydrometallurgy
- Biotechnology

► PRODUCT STRUCTURE DIAGRAM



► PERFORMANCE CAPABILITIES

Operating pressure	Vacuum 7bar(abs.)
Vessel temperature	-20 ° C ~+ 80 ° C
Shaft size	40 ~ 120mm
Sliding speed	≤ 5 m/s

► THE COMPARISON CHART OF STANDARD MATERIAL

NO.	Name	Material
1	Bearing Seat	316SS
2	Bearing	Bearing steel
3	Gland Insert	316SS
4	Clamp Ring	316SS
5	Setting Screw	A2-70
6	Setting Clips	304SS
7	Gland	316SS/Hast.C/D2205/D2507/904L
8	Deflector	PTFE/316SS
9	Stationary Face	Carbon/SIC/TC
10	Rotary Face	Carbon/SIC/TC
11	Sleeve	316SS/Hast.C/D2205/D2507/904L
12	Pin	316SS
13	O-Ring	FKM/EPDM/Aflas/Kalrez
14	Setting Screw	A2-70
15	Bent Pipe	316SS
16	Drive Screw	A2-70
17	Oil Seal	NBR/FKM
18	O-Ring	FKM/EPDM/Aflas/Kalrez
19	O-Ring	FKM/EPDM/Aflas/Kalrez
20	Spring	Hast.C/316SS
21	O-Ring	FKM/EPDM/Aflas/Kalrez
22	O-Ring	FKM/EPDM/Aflas/Kalrez
23	O-Ring	FKM/EPDM/Aflas/Kalrez
24	O-Ring	FKM/EPDM/Aflas/Kalrez
25	O-Ring	FKM/EPDM/Aflas/Kalrez
26	Oil Injection Assembly	316SS/Cu