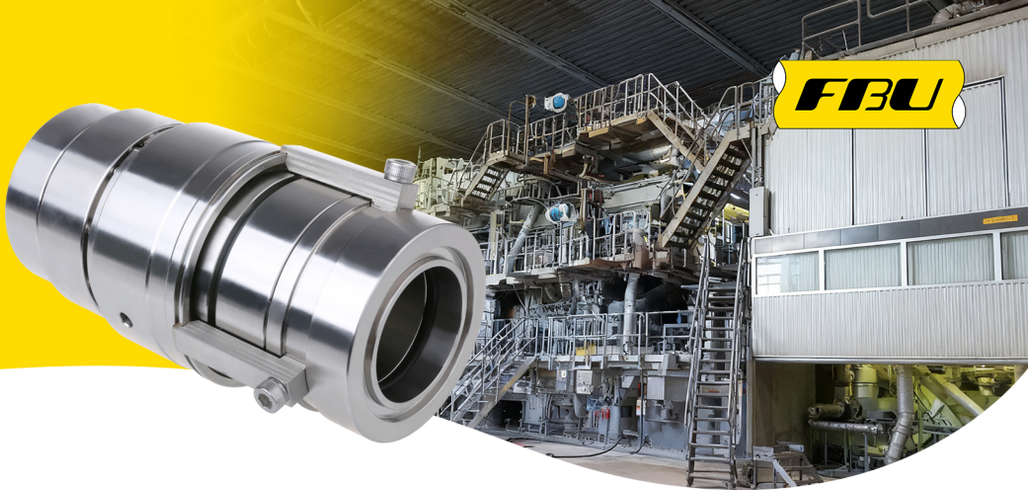
# 2450

## DOUBLE SEALS DESIGNED FOR SULZER® SALOMIX™ SL SERIES MIXER



## TECHNICAL FEATURES

- Stationary Pusher Seal, balanced design.
- Double seal with multi spring structure, Axial movement does not affect the spring load.
- It is recommended to use GLD (plan 54) for seal water control.

## APPLICABLE CHAMBERS TYPE

Dimensions Compliant with Sulzer SALOMIX™ SL series mixer, Covering Shaft Diameters Including 45,58,77,108, etc.

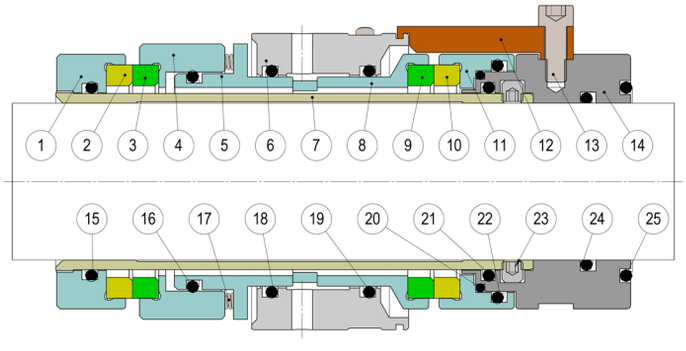
## TYPICAL INDUSTRIAL APPLICATIONS

The 2450 Series is a double-balanced mechanical seal, Designed specifically for harsh applications in the pulp and paper industry as well as slurry applications. This seal is typically used in pulp mill agitators, suitable for both top-entry and side-entry agitators. Engineered as a pressurized double mechanical seal, its dual-balanced feature allows it to be utilized as an unpressurized double mechanical seal device.

## PERFORMANCE CAPABILITIES

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

## PRODUCT STRUCTURE DIAGRAM




## RECOMMENDED PIPING PLANS

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

## THE COMPARISON CHART OF STANDARD MATERIAL

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


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