2295

DOUBLE SEALS DESIGNED FOR REFINING



TECHNICAL FEATURES

- Double-balanced, which makes the construction fully independent of pressure changes in both process and barrier fluid.
- Double seal with multi spring structure, the spring is placed in the atmosphere and does not come into. contact with the medium or buffer solution, greatly reducing the risk of spring failure and improving the sealing life.
- Larger buffer chamber flushing space, more significant cooling effect.
- It is recommended to use GLD (plan 54) for seal water control.

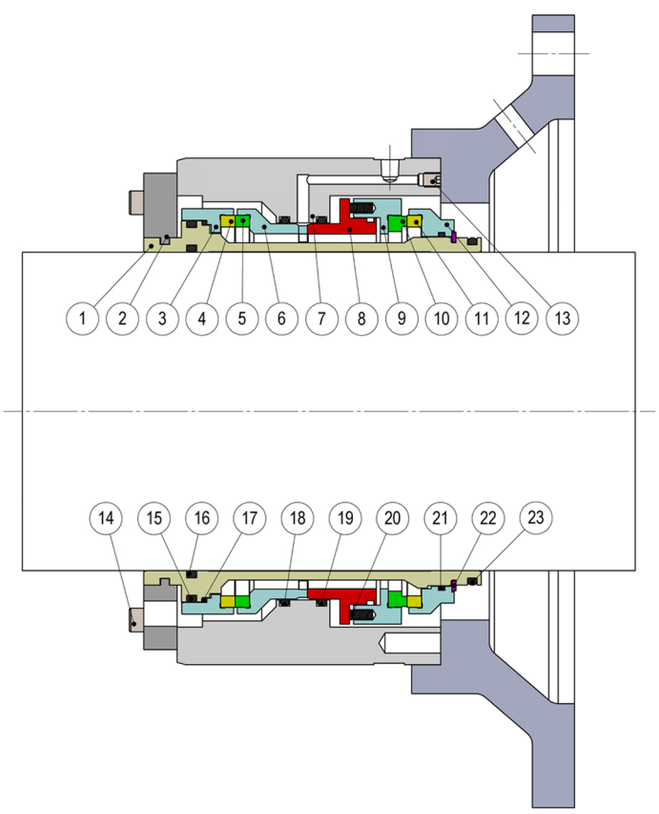
APPLICABLE CHAMBERS TYPE

Mainly used in Refiningin the pulp and paper industry. For example, Sunds JALAVARRA series Refining.Size range varies from 50mm to 200mm.

TYPICAL INDUSTRIAL APPLICATIONS

Type 2295 is a double-acting mechanical seal specifically engineered for refiners, such as the JALAVARRA series by Sunds, designed to handle liquid operating conditions involving highly viscous pulp fibers, solid particles, and impurities.

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	⩽ 20 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	Sleeve	316SS/Hast.C/D2205/D2507/904L
2	Clamp Ring	316SS/Hast.C/D2205/D2507/904L
3	Rotary Seat	316SS/Hast.C/D2205/D2507/904L
4	Rotary Face	Carbon/SIC/TC
5	Stationary Face	Carbon/SIC/TC
6	Stationary Seat	316SS/Hast.C/D2205/D2507/904L
7	Gland	316SS/Hast.C/D2205/D2507/904L
8	Springs Seat	316SS/Hast.C/D2205/D2507/904L
9	Stationary Seat	316SS/Hast.C/D2205/D2507/904L
10	Stationary Face	Carbon/SIC/TC
11	Rotary Face	Carbon/SIC/TC
12	Rotary Seat	316SS/Hast.C/D2205/D2507/904L
13	Screw	A2-70
14	Screw	A2-70
15	O-Ring	FKM/EPDM/Aflas/Kalrez
16	O-Ring	FKM/EPDM/Aflas/Kalrez
17	O-Ring	FKM/EPDM/Aflas/Kalrez
18	O-Ring	FKM/EPDM/Aflas/Kalrez
19	O-Ring	FKM/EPDM/Aflas/Kalrez
20	Spring	Hast.C
21	O-Ring	FKM/EPDM/Aflas/Kalrez
22	Circlip	316SS
23	O-Ring	FKM/EPDM/Aflas/Kalrez

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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