2210

SINGLE MECHANICAL SEALS FOR SULZER PROCESS PUMPS SPECIAL SOLUTION FOR AHLSTAR PUMPS



TECHNICAL FEATURES

- Stationary compensating seal end face with balanced design, ensuring stable operation even under pressure fluctuations.
- Single-spring compensation structure, featuring a larger axial runout of up to ±2mm.
- Modular design with standardized universal components, facilitating reduced maintenance costs.
- The spring is not in contact with the medium, ensuring a long service life of the mechanical seal.
- Positioned by the shaft shoulder for easy installation, which reduces the risk of human error. No measurement is required during installation.
- Inlaid ring surface structure: the seal ring has no drive pin, avoiding seal face rupture during startup.
- No integral flush ports; seal face flushing requires using the flush ports on the Sulzer pump cover.

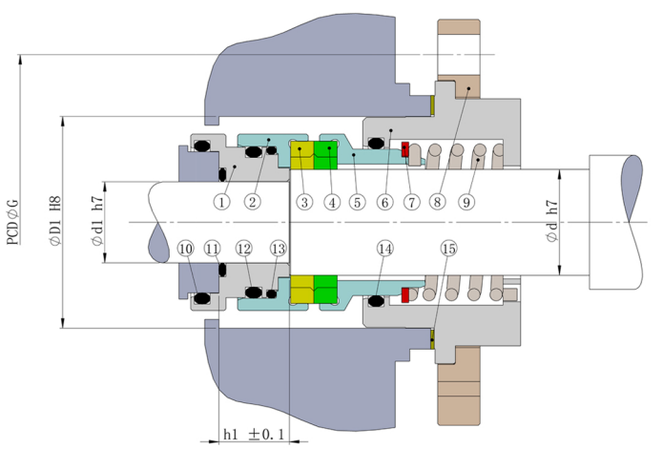
APPLICABLE CHAMBERS TYPE

Dimensions Compliant with Sulzer APP Pumps, Covering Shaft Diameters Including 30, 40, 50, 60, 80, 90.

TYPICAL INDUSTRIAL APPLICATIONS

The 2210 Series is a special seal designed specifically for clean and lubricating fluids, such as water, various types of oils, solvents, and raw materials [consistency < 2%]. It is typically used in pumps of paper mills, cardboard mills, and power plants. This seal is exclusively engineered for Sulzer's APP and APT Series pumps.

PRODUCT STRUCTURE DIAGRAM



RECOMMENDED PIPING PLANS

Process side	01, 02, 03, 11, 12, 13, 21, 22

PERFORMANCE CAPABILITIES

Pressure	⩽ 15 bar
Temperature	-20 ° C ~+ 120 °C
Sliding velocity	⩽ 20 m/s
Material Options	316SS, Duplex Steel, etc.
Suitable Media	Water, various types of oils, solvents, pulp, and other media

THE COMPARISON CHART OF STANDARD MATERIAL

NO.	Name	Material
1	Intermediate Sleeve	316SS
2	Rotary Seat	316SS
3	Rotary Face	SSIC
4	Stationary Face	SSIC
5	Stationary Seat	316SS
6	Gland	316SS
7	Back-up Ring	316SS
8	Gland Insert	316SS
9	Sping	316SS/Hast.C
10	O-Ring	FKM/EPDM/Aflas/Kalrez/T+2
11	O-Ring	PTFE
12	O-Ring	FKM/EPDM/Aflas/Kalrez/T+2
13	O-Ring	FKM/EPDM/Aflas/Kalrez
14	O-Ring	FKM/EPDM/Aflas/Kalrez/T+2
15	Gasket	PTFE

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