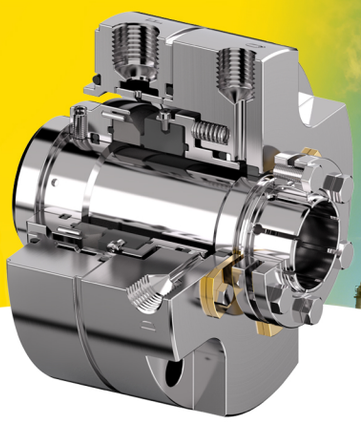
PVES

HIGH PV VALUE SINGLE ENGINEERED SEAL





TECHNICAL FEATURES

- Used for high-pressure working conditions outside the scope of API682 standard.
- Axial sealing design of sealing for better sealing effect.
- Static loop compensation design for more stable operation at high temperatures.
- Stronger sealing rings, shaft sleeves, and other components can withstand higher pressures.
- Multi spring design for more uniform annular pressure.
- Smaller balance coefficient can effectively reduce the end face specific pressure under high pressure.
- The transmission structure is more sturdy and stable.
- Modular design for easier maintenance.

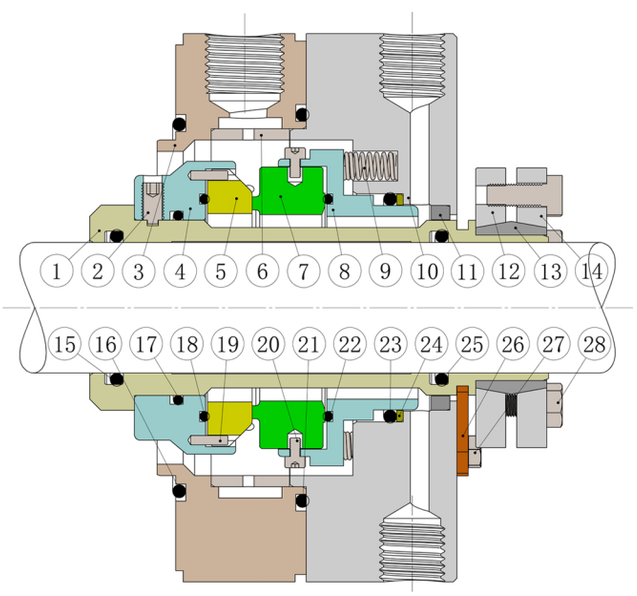
APPLICABLE CHAMBERS TYPE

- The sealing configuration is 1CW-FX, With fixed bush
- Distributed flushing design, better taking away the high heat brought by high PV value
- Can be used for Plan 11/21/31/32/41/61/62

TYPICAL INDUSTRIAL APPLICATIONS

- Oil and gas industry
- Refining technology
- Chemical industry
- Hot water
- Sour water
- Caustic soda
- Amines
- Crystallizing media
- Crude oil
- Process water
- Crude oil feed pumps

PRODUCT STRUCTURE DIAGRAM



PERFORMANCE CAPABILITIES

Pressure	⩽ 90 bar
Temperature	-20 ° C ~+ 220 °C
Sliding velocity	⩽ 60 m/s

RECOMMENDED PIPING PLANS

Process side	01, 02, 03, 11, 12, 13, 14, 21, 22, 23, 31, 32, 41
Atmospheric side	61, 62, 65A, 65B

THE COMPARISON CHART OF STANDARD MATERIAL

NO.	Name	Material
1	Sleeve	316SS/Hast.C/D2205/D2507/904L
2	Setting Screw	A2-70
3	Gland Insert	316SS/Hast.C/D2205/D2507/904L
4	Rotary Seat	316SS/Hast.C/D2205/D2507/904L
5	Rotary Face	SIC
6	Deflector	316SS/Hast.C/D2205/D2507/904L
7	Stationary Face	Carbon/SSIC-G
8	Stationary Seat	316SS/Hast.C/D2205/D2507/904L
9	Spring	Hast.C
10	Gland	316SS/Hast.C/D2205/D2507/904L
11	Bush Ring	Carbon
12	Shrink Disk 1	2Cr13
13	Clamping Ring	2Cr13
14	Shrink Disk 2	2Cr13
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	Pin	316SS
20	Drive Ring	A2-70
21	O-Ring	FKM/EPDM/Aflas/Kalrez
22	O-Ring	FKM/EPDM/Aflas/Kalrez
23	O-Ring	FKM/EPDM/Aflas/Kalrez
24	Gasket	PTFE/316SS
25	O-Ring	FKM/EPDM/Aflas/Kalrez
26	Setting Clips	304SS
27	Setting Screw	A2-70
28	Setting Screw	A2-70

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