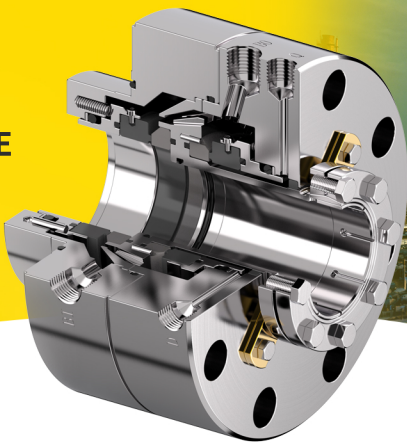


PVED

HIGH PV VALUE DOUBLE 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.

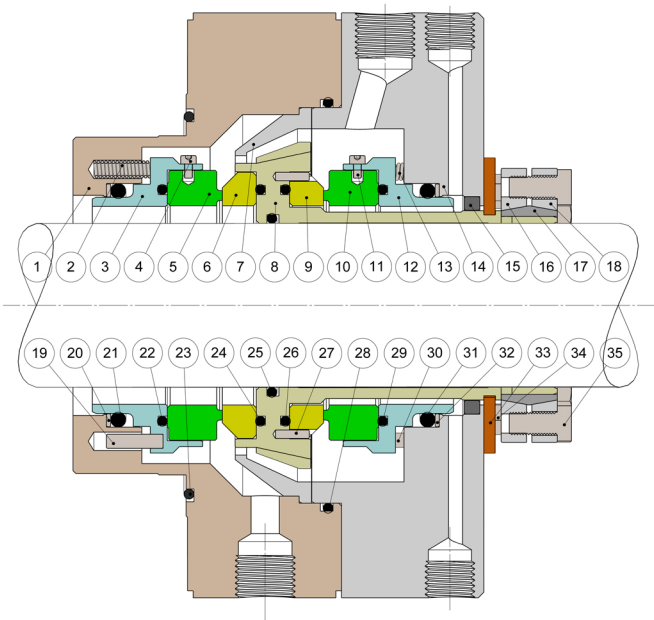
APPLICABLE CHAMBERS TYPE

- The sealing structure is 3CW-FF, with a face-to-face structure
- The bi-directional flow design of the isolation chamber better removes heat from the two friction surfaces
- Can be used for API Plan 53A/53B/54

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

Between seals	52, 53A, 53B, 53C, 54
Atmospheric side	61, 62, 65A, 65B

THE COMPARISON CHART OF STANDARD MATERIAL

NO.	Name	Material
1	Gland Insert	316SS/Hast.C/D2205/D2507/904L
2	Spring	Hast.C
3	Stationary Seat	316SS/Hast.C/D2205/D2507/904L
4	Drive Ring	A2-70
5	Stationary Face	Carbon/SSIC-G
6	Rotary Face	SIC
7	Deflector	316SS
8	Sleeve	316SS/Hast.C/D2205/D2507/904L
9	Rotary Face	SIC
10	Stationary Face	Carbon/SSIC-G
11	Drive Ring	A2-70
12	Stationary Seat	316SS
13	Spring	Hast.C
14	Gland	316SS
15	Bush Ring	Carbon
16	Shrink Disk 1	2Cr13
17	Clamping Ring	2Cr13
18	Shrink Disk 2	2Cr13
19	Pin	316SS
20	Gasket	PTFE/316SS
21,22,23	O-Ring	FKM/EPDM/Aflas/Kalrez
24,25,26	O-Ring	FKM/EPDM/Aflas/Kalrez
27	Pin	316SS
28,29,31	O-Ring	FKM/EPDM/Aflas/Kalrez
30	Pin	316SS
32	Gasket	PTFE/316SS
33	Setting Clips	304SS
34	Setting Screw	A2-70
35	Setting Screw	A2-70