KDC

THE STANDARD STATIONARY SINGLE SEAL SOLUTION FOR HIGHER EFFEICENT OEM CUSTOMERS



TECHNICAL FEATURES

- Stationary face compensation technology.
- Solid seal structure reduces deformation at high temperature and low temperature conditions.
- Intergrated and Bi-directional diversion, sleeve with pump ring.
- High Speed limits, up to 220 degree. No seal face drop or displacement.
- Higher pressure limits, up to 25 bar.
- Wet Part in Duplex steel,904L ,Alloy 276 avaiable.

APPLICABLE CHAMBERS TYPE

- Applicable to ISO2858 standard chambers and other compact chambers
- Can be used as a containerized mechanical seal to replace packing
- Modular containerized design,suitable forgeneral working conditions,Sizes range from 1.000 "to 4.000" (24mm~100mm)

PERFORMANCE CAPABILITIES

Shaft diameter	1.000 "to 4.000" (24mm~100mm)
Pressure	⩽ 20 bar
Temperature	-20 ° C ~ + 150 °C
Sliding velocity	⩽ 20 m/s

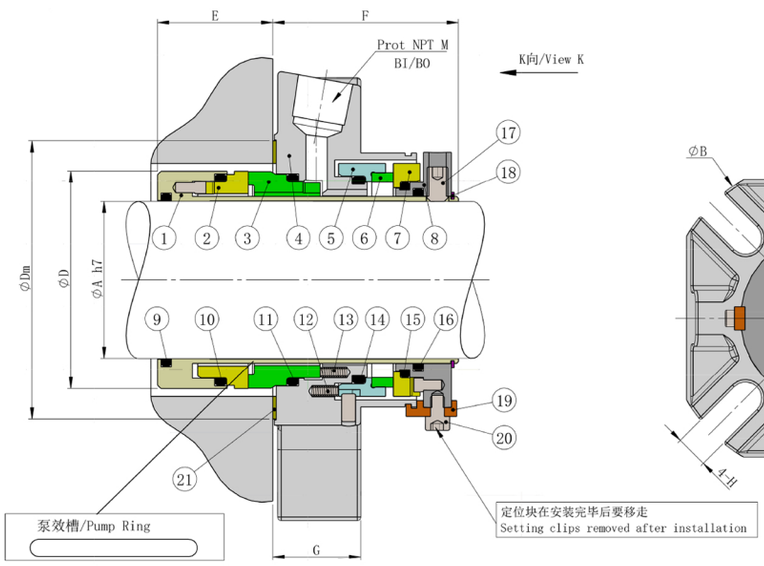
TYPICAL INDUSTRIAL APPLICATIONS

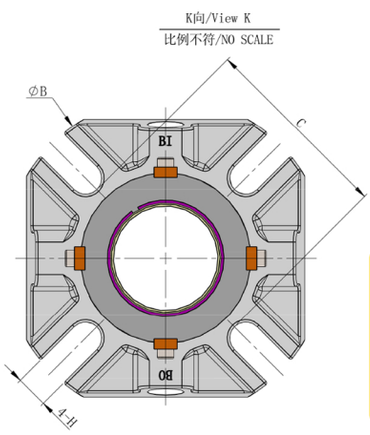
- Chemical and Petrochemical Industry
- Oil, Gas and Energy Sector
- Water Treatment and Environmental Protection Engineering
- Pharmaceutical and Food & Beverage Industries
- Hazardous Chemicals and Specialized Industries
- Marine and Offshore Engineering

RECOMMENDED PIPING PLANS

Process side	52, 53A, 53B, 53C, 54

PRODUCT STRUCTURE DIAGRAM





Please refer to the KDC dimensional sample for detailed dimensional information.

https://www.fbuseals.com/KDC-Double-DN-Cartridge-Mechanical-Seal-for-Chemical-Pumps-pd40769744.html

THE COMPARISON CHART OF STANDARD MATERIAL

NO.	Name	Material
1	Shaft Sleeve	316SS
2	Internal Rotary Face	SSIC/TC
3	Internal Stationary race	Carbon/SSIC/TC
4	Gland	316SS
5	External Stationary Seat	316SS
6	External Stationary Face	Carbon
7	External Rotary Face	TC
8	Clamp Ring	316SS

NO.	Name	Material
9,10,11	O-Ring	EPR/Viton/Aflas/Kalrez
12,13	Sprlng	Alloy 276
14,15,16	O-Ring	EPR/ Viton/Aflas/Kalrez
17	Drive Screw	316SS
18	Circlip	316SS
19	Setting Clip	Brass
20	Clip Screw	316SS
21	Gasket	AF1

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

FBU is certified to API Q1, ISO 9001, ISO 14001