



SGARIA.

Trustable for life



KDC



COMPANY PROFILE



The Sgaria

In addition to the best products, we work objectively and efficiently, with integrity and a sense of urgency to generate the best services.

Check out some of the pillars of our company:

Customer Focus: Our customers are the reason for our existence. We are committed to meeting your demands on site and time required;

Safety: We are strict in meeting our standards, valuing the safety of our customers and contributors;

Quality Results: We seek to maximize results by valuing quality in every detail of our operation;

Teamwork: Together we achieve our goals, acting in a shared way will more easily achieve achievements and good results, sharing achievements and results.

Certificates

By bringing together technical force with design and experience, Sgaria has all the documentation necessary to deliver a certified quality product.





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KDC

标准双端面静环补偿性密封系列

高效的OEM设备解决方案

The Standard Stationary Single Seal Solution for Higher Efficient OEM Customers

产品特点Key Features

- 静环补偿密封端面技术
- 介质端面双平衡式整装环设计
- 整合的双向导流设计，轴套带有泵效环
- 更高的温度极限，最高耐温220摄氏度，无镶装工艺的环面脱落和端面位移等问题
- 更高的压力极限：最高压力可达 25 bar
- 接液部件可以采用特殊材质如双相钢 /904L/哈氏合金
- 可用于API 52/53A/53B/54号冲洗方案
- 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 available.
- Suitable for API Plan 52/53A/53B/54.

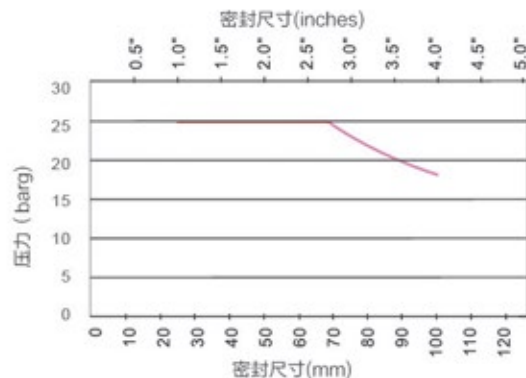
运行参数Operating Conditions

温度/Temperature	-20° C to +220° C [-67° F to +428° F]
压力/Pressure	0~25 Bar
线速度/On-wire speed	Up to 25 m/s
适用介质/Sealing product	各种酸性，碱性，低度浆液，水油等介质 Acid,alkaline, low percentage of pulp, water, oil and other similar media.

材质Material Arrangement

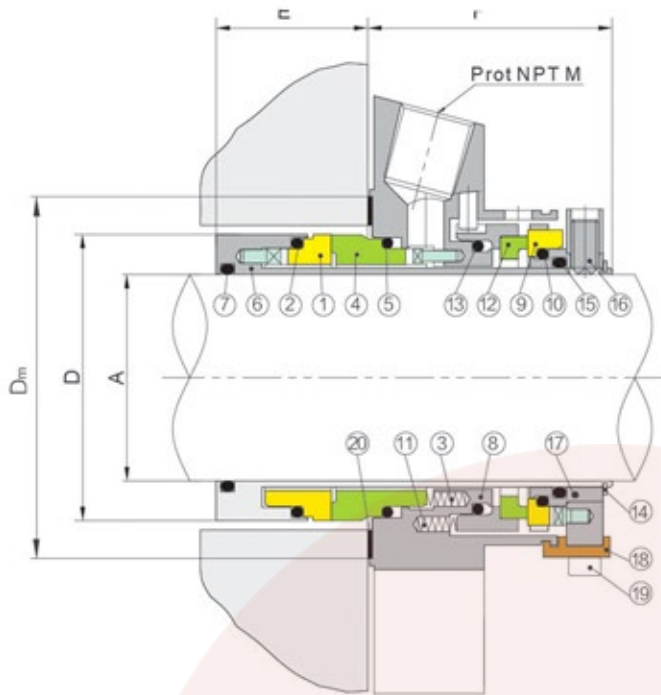
密封环/Seal faces	SSIC/CARBON/TC
橡胶/Rubber	EPR/Viton®/Atlas®/Kalrez®
弹簧/Springs	ALLOY 276
金属部件/Metal	316SS/DUPLEX/ALLOY 276/904L

压力图Pressure Chart



卧式安装
Horizontal





25(1")-35(1.375")NPT 1/4"
38(1.5")-100(4")NPT 3/8"

KDC-各部件信息

NO	描述/Description	材质/Material	NO	描述/Description	材质/Material
1	一级动环/Inboard Rotary Face	SSIC/TC	11	弹簧/Spring	Alloy 276
2	O型圈/O-Ring	EPR/Viton®/Aflas®/Kalrez®	12	二级静环/Outboard Stationary Face	Carbon-316SS Stainless Steel
3	弹簧/Spring	Alloy 276	13	O型圈/O-Ring	EPR/Viton®/Aflas®/Kalrez®
4	一级静环/Inboard Stationary Face	Carbon/SSIC/TC	14	卡簧/Circlip	Alloy 276
5	O型圈/O-Ring	EPR/Viton®/Aflas®/Kalrez®	15	O型圈/O-Ring	EPR/Viton®/Aflas®/Kalrez®
6	轴套/Shaft Sleeve	316SS 不锈钢/Stainless Steel	16	驱动螺钉/Drive Screw	316SS 不锈钢/Stainless Steel
7	O型圈/O-Ring	EPR/Viton®/Aflas®/Kalrez®	17	定位环/Clamp Ring	316SS 不锈钢/Stainless Steel
8	压盖/Gland	316SS 不锈钢/Stainless Steel	18	定位块/Setting Clip	铜/Brass
9	二级动环/Outboard Rotary Face	TC-316SS Stainless Steel	19	定位块螺钉/Clip Screw	316SS 不锈钢/Stainless Steel
10	O型圈/O-Ring	EPR/Viton®/Aflas®/Kalrez®	20	垫片/Gasket	非石棉/AF1

KDC-尺寸信息(mm)

ØA	ØB	C	ØD	ØDm	E	F	H
25	105.0	62.0	43.0	60.0	33.1	53.4	13.2
28	105.0	62.0	46.0	60.0	33.1	53.4	13.2
30	105.0	67.0	48.0	65.0	33.1	53.4	13.2
32	110.0	70.0	50.0	65.0	33.1	53.4	13.2
33	110.0	70.0	50.0	65.0	33.1	53.4	13.2
35	113.0	72.0	53.0	68.0	33.1	53.4	13.2
38	135.0	80.0	56.0	78.0	33.1	53.4	13.2
40	135.0	80.0	58.0	78.0	33.1	53.4	14.2
42	135.0	80.0	61.0	78.0	33.1	53.4	14.2
43	135.0	80.0	61.0	78.0	33.1	53.4	14.2
45	138.0	82.5	62.5	79.0	33.1	53.4	14.2
48	138.0	82.5	65.5	82.0	33.1	53.4	14.2
50	150.0	87.0	68.0	85.0	33.1	53.4	14.2
53	150.0	97.0	72.0	95.0	33.1	53.4	18.0
55	150.0	97.0	73.0	88.0	33.1	53.4	18.0
60	157.0	102.0	78.0	100.0	33.1	53.4	18.0
65	165.0	109.0	84.8	107.0	33.1	53.4	18.0
70	178.0	118.5	93.0	116.0	33.1	53.4	18.0
75	190.0	129.0	100.0	125.0	44.1	63.9	18.0
80	195.0	135.0	106.4	131.0	44.1	63.9	18.0
85	198.0	139.0	109.5	135.0	44.1	63.9	22.0
90	205.0	145.0	115.9	142.0	44.1	63.9	22.0
95	208.0	148.0	119.1	145.0	44.1	63.9	22.0
100	218.0	154.0	125.4	151.0	44.1	63.9	22.0

KDC-尺寸信息(Inches)

ØA	ØB	C	ØD	ØDm	E	F	H
1.000	4.134	2.440	1.693	2.362	1.303	2.102	0.520
1.125	4.134	2.440	1.811	2.362	1.303	2.102	0.520
1.250	4.330	2.760	2.000	2.250	1.303	2.102	0.520
1.375	4.449	2.840	2.087	2.677	1.303	2.102	0.520
1.500	4.842	3.149	2.205	2.874	1.303	2.102	0.520
1.625	4.842	3.149	2.402	3.071	1.303	2.102	0.599
1.750	5.433	3.248	2.461	3.110	1.303	2.102	0.599
1.875	5.433	3.248	2.579	3.228	1.303	2.102	0.599
2.000	5.905	3.818	2.677	3.346	1.303	2.102	0.599
2.125	5.905	3.818	2.874	3.465	1.303	2.102	0.709
2.375	6.181	4.020	3.071	3.937	1.303	2.102	0.709
2.500	6.417	4.290	3.212	4.213	1.303	2.102	0.709
2.625	6.417	4.290	3.339	4.213	1.303	2.102	0.709
2.750	7.008	4.660	3.661	4.567	1.303	2.102	0.709
2.875	7.283	4.960	3.858	3.779	1.736	2.516	0.709
3.000	7.480	5.079	3.937	4.921	1.736	2.516	0.709
3.125	7.677	5.197	4.189	5.157	1.736	2.516	0.709
3.250	7.677	5.315	4.212	4.113	1.736	2.516	0.709
3.375	7.795	5.472	4.311	5.315	1.736	2.516	0.866
3.500	7.795	5.591	4.500	5.157	1.736	2.516	0.866
3.625	8.071	5.709	4.563	5.591	1.736	2.516	0.866
3.750	8.189	5.827	4.689	5.709	1.736	2.516	0.866
4.000	8.583	6.063	4.937	5.945	1.736	2.516	0.866



/SGARIAGROUP

