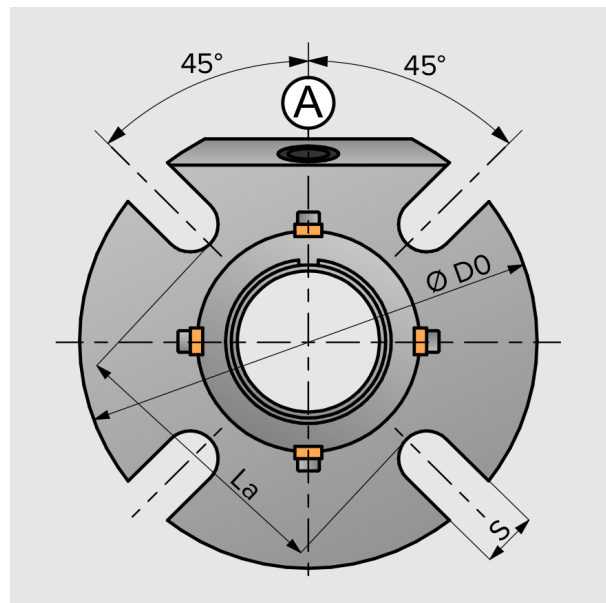
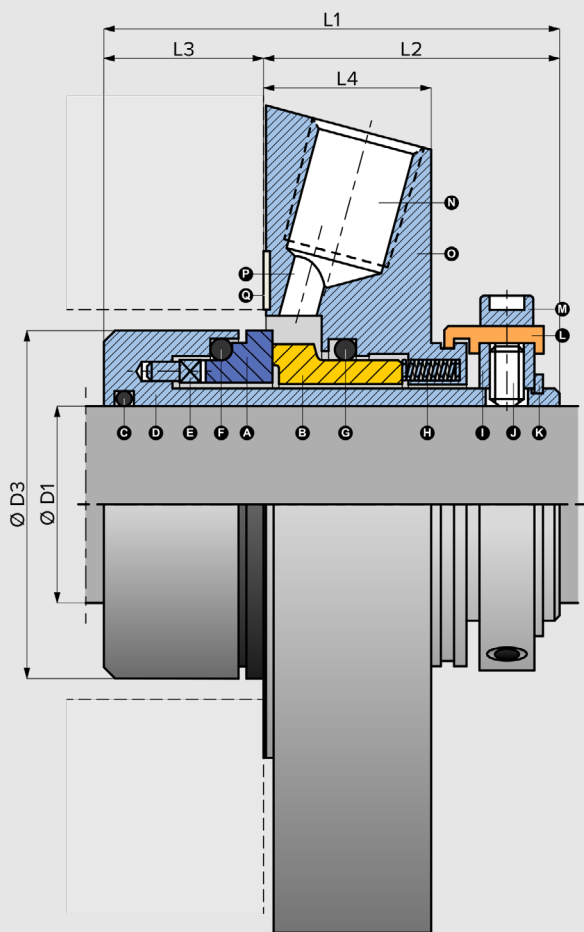


HCRTX

'SINGLE CARTRIDGE SEALS - STANDARDISED' SPECIFICATION SHEET



DIMENSIONS

	D1	D3	L1	L2	L3	L4	La	D0	S
24/25	1.000"	43.0	67.0	42.4	24.6	25.4	62.0	105	13.2
28mm	1.125"	46.0	67.0	42.4	24.6	25.4	62.0	105	13.2
30mm		48.0	67.0	42.4	24.6	25.4	65.0	105	13.2
32/33	1.250"	49.8	67.0	42.4	24.6	25.4	67.0	108	13.2
35mm	1.375"	53.0	67.0	42.4	24.6	25.4	70.0	113	13.2
38mm	1.500"	56.0	67.0	42.4	24.6	25.4	75.0	123	13.2
40mm		58.0	67.0	42.4	24.6	25.4	75.0	123	14.2
	1.625"	59.4	67.0	42.4	24.6	25.4	77.0	123	14.2
42/43		60.5	67.0	42.4	24.6	25.4	80.0	133	14.2
45mm	1.750"	62.5	67.0	42.4	24.6	25.4	81.0	138	14.2
48mm	1.875"	65.6	67.0	42.4	24.6	25.4	84.0	138	14.2
50mm	2.000"	68.0	67.0	42.4	24.6	25.4	87.0	148	14.2
53mm	2.125"	72.0	67.0	42.4	24.6	25.4	97.0	148	18.0
55mm		73.0	67.0	42.4	24.6	25.4	90.0	148	18.0
	2.250"	75.2	67.0	42.4	24.6	25.4	100	157	18.0
58mm		75.2	67.0	42.4	24.6	25.4	94.0	157	18.0
60mm	2.375"	78.0	67.0	42.4	24.6	25.4	102	157	18.0
63mm	2.500"	81.6	67.0	42.4	24.6	25.4	106	163	18.0
65mm	2.625"	84.8	67.0	42.4	24.6	25.4	109	163	18.0
68mm		-	-	-	-	-	-	-	-
70mm	2.750"	93.0	67.0	42.4	24.6	25.4	118	178	18.0
75mm	2.875" 3.000"	100.0	84.0	57.4	26.6	28.0	129	190	18.0
80mm	3.125" 3.250"	106.4	84.0	57.4	26.6	28.0	135	195	18.0
85mm	3.375"	109.5	84.0	57.4	26.6	28.0	139	198	22.0
	3.500"	112.7	84.0	57.4	26.6	28.0	142	198	22.0
90mm	3.625"	115.9	84.0	57.4	26.6	28.0	145	205	22.0
95mm	3.750"	119.1	84.0	57.4	26.6	28.0	148	208	22.0
	3.875"	-	-	-	-	-	-	-	-
100mm	4.000"	125.4	84.0	57.4	26.6	28.0	154	218	22.0
120mm		-	-	-	-	-	-	-	-

- **Single Cartridge Seal**
- **Balanced, Bidirectional**
- **Simple Installation**
- **Flushing Connection**

HCRTX are fully pre-assembled single cartridge seal units. They are balanced and can be used in either direction of rotation.

Simply bolt the seal plate onto the existing housing studs, tie the setting collar set screws and remove the setting clips.

Wear face kits & refurbishment services for existing units available on request.

► Operating conditions¹

Temperature: -40°C to +220°C
 Pressure: < 25 bar, 360 psi, 2.5 MPa
 Speed: < 16m/s, 3150 fpm
 rpm < 960000/(3.14 x D1 mm)

► Material Options

Rotary Face: SiC
 Stationary Face: SiC or CAB
 Elastomer: V or EP
 Metal Parts: 316S.S.

PARTS

- A Rotary Face / Ring
- B Stationary Face / Ring
- C Rotary Sleeve O-ring
- D Rotary Sleeve
- E Rotary Locking Pin
- F Rotary O-ring
- G Stationary O-ring
- H Stationary Multi-springs
- I Setting Collar
- J Set Screws
- K Circlip
- L Setting Clip
- M Setting Screws
- N Flush Plug
- O Seal Plate
- P Flush Port
- Q PTFE Gasket

EQUIVALENT

Cartex-SN

FLUSHING

(A) 3/8" NPT

¹ Guide-values only (due to diversity of possible applications). Enquire for specific-use cases. Maximum values of each parameter cannot be applied together.