Nexus Seals

Working With People to Engineer Solutions

S141

Single Cartridge Seal

Materials

Stationary	- Car / SiC / SSiC / TC
Rotary	- SiC / SSiC / TC
Elastomer	- NBR / EPDM / Viton / Aflas / FFKM

Working Conditions

Pressure	< 28 bar
Speed	< 25 m/s
Temperature	up to 205°C

Features:

Stationary Design

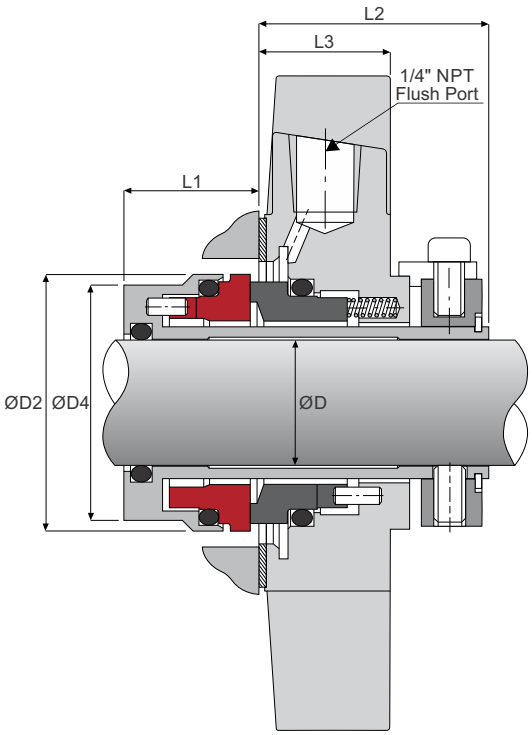
Monlithic Faces

Cushioned Faces

Pressure balanced

Springs outside the media



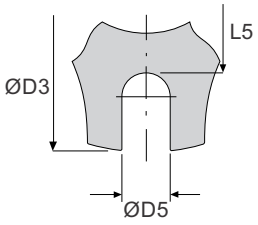


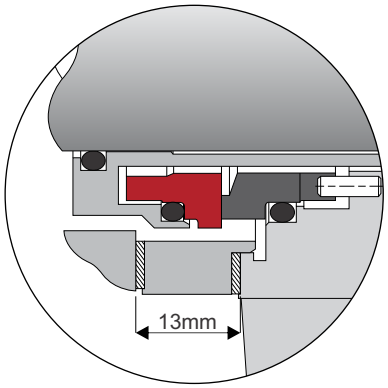
Shaft Ø		ØD2	ØD3	ØD4	ØD5	L1	L2	L3	L5
Inches	Metric								
1.000"	24	43.5	104	40.1	12.5	19.0	38.0	21.5	62
	25	43.5	104	40.1	12.5	19.0	38.0	21.5	62
1.125"	28	46.5	104	43.1	12.5	19.0	38.0	21.5	62
-	30	48.5	104	45.1	12.5	19.0	38.0	21.5	65
1.250"	32	50.0	104	47.1	12.5	19.0	38.0	21.5	67
	33	50.0	104	47.1	12.5	19.0	38.0	21.5	67
1.375"	35	53.5	110	50.1	12.5	19.0	38.0	21.5	70
1.500"	38	56.5	125	53.1	14.7	19.0	38.0	21.5	75
-	40	58.5	125	55.1	14.7	19.0	38.0	21.5	75
1.625"	-	60.5	133	57.1	14.7	19.0	38.0	21.5	80
-	43	61.5	133	58.1	14.7	19.0	38.0	21.5	80
1.750"	45	63.5	140	60.1	14.7	19.0	38.0	21.5	81
1.875"	48	66.5	140	63.1	14.7	19.0	38.0	21.5	84
2.000"	50	68.5	140	65.1	14.7	19.0	38.0	21.5	87
2.125"	53	71.5	150	68.1	17.5	19.0	38.0	21.5	90
-	55	73.5	150	70.1	17.5	19.0	38.0	21.5	92
2.250"	-	76.5	160	73.1	17.5	19.0	38.0	21.5	95
2.375"	60	78.5	160	75.1	17.5	19.0	38.0	21.5	100
2.500"	-	81.5	170	78.1	17.5	19.0	38.0	21.5	103
-	65	83.5	165	80.1	17.5	19.0	38.0	21.5	105
2.625"	-	86.5	180	83.1	17.5	19.0	38.0	21.5	110
2.750"	70	88.5	180	85.1	17.5	19.0	38.0	21.5	120
2.875"	-	98.0	190	98.0	17.5	20.5	41.5	24.0	123
3.000"	75	100.0	190	100.0	17.5	20.5	41.5	24.0	125
3.125"	-	105.0	190	105.0	17.5	20.5	41.5	24.0	130
-	80	105.0	190	105.0	17.5	20.5	41.5	24.0	130
3.250"	-	108.0	200	108.0	17.5	20.5	41.5	24.0	140
3.375"	85	110.0	200	110.0	21.5	20.5	41.5	24.0	140
3.500"	90	115.0	220	115.0	21.5	20.5	41.5	24.0	140
3.625"	-	117.0	220	117.0	21.5	20.5	41.5	24.0	142
3.750"	95	120.0	220	120.0	21.5	20.5	41.5	24.0	145
3.875"	100	125.0	220	125.0	21.5	20.5	41.5	24.0	145
4.000"		125.0	220	125.0	21.5	20.5	41.5	24.0	150
4.250"	110	135.0	240	135.0	21.5	20.5	43.5	30.0	170
4.375"	110	135.0	240	135.0	21.5	20.5	43.5	30.0	170

Gasket Sizes

ID = ØD2 + 2.5mm

OD = L5 - 1.5mm





S141S

Small Bore

ANSI Stuffing Box

*S171 for small stuffing box cross section
ØD 1.000" to 1.375"