

# S221



## Materials

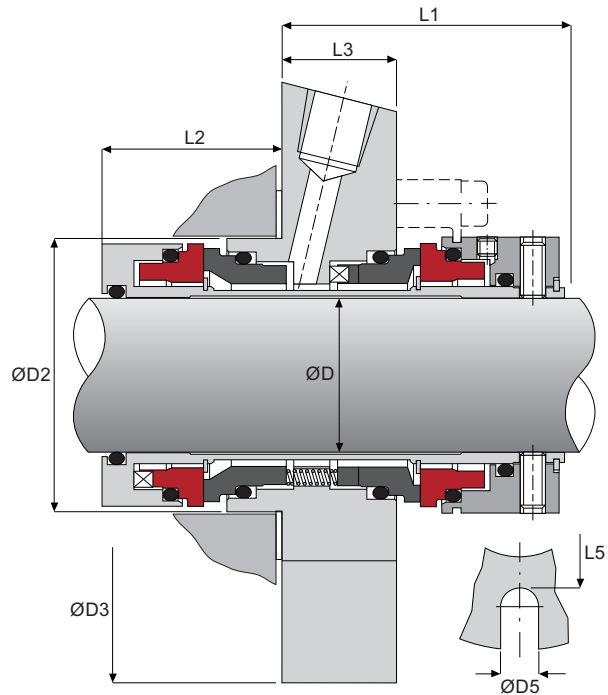
Stationary - Car / SiC / SSiC / TC  
 Rotary - SiC / SSiC / TC  
 Elastomer - NBR / EPDM / Viton / Aflas / FFKM

## Working Conditions

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

## Shaft Movement

Rad ± 0.75mm (1.5mm Total)  
 Axial ± 1.5mm (3mm Total)



Shaft ØD		ØD2	ØD3	ØD5	L1	L2	L3	L5
Metric	Inches							
24	1.000	45.7	105	13	56.0	33.0	24.5	60
25		45.7	105	13	56.0	33.0	24.5	60
28	1.875	48.7	105	13	56.0	33.0	24.5	60
30		50.7	115	13	56.0	33.0	24.5	67
32	1.250	52.7	115	13	56.0	33.0	24.5	67
33		53.7	115	13	56.0	33.0	24.5	67
35	1.375	55.7	115	13	56.0	33.0	24.5	67
38	1.500	58.7	130	15	56.0	33.0	24.5	75
40		60.7	130	15	56.0	33.0	24.5	75
42	1.625	62.7	140	15	56.0	33.0	24.5	82
43		63.7	140	15	56.0	33.0	24.5	82
45	1.750	65.7	140	15	56.0	33.0	24.5	82
48	1.875	68.7	140	15	56.0	33.0	24.5	82
50	2.000	70.7	140	15	56.0	33.0	24.5	82
53	2.125	73.7	150	18	56.0	33.0	24.5	92
55		75.7	150	18	56.0	33.0	24.5	92
	2.250	77.7	150	18	56.0	33.0	24.5	92
60	2.375	80.7	160	18	56.0	33.0	24.5	100
	2.500	83.7	160	18	56.0	33.0	24.5	100
65		85.7	160	18	56.0	33.0	24.5	100
	2.625	87.7	180	18	56.0	33.0	24.5	112
70	2.750	90.7	180	18	56.0	33.0	24.5	112
	2.875	100.8	190	18	56.6	38.6	28.0	123
75	3.000	102.8	190	18	58.4	38.6	25.5	125
80	3.125	107.8	190	18	58.4	38.6	25.5	130
	3.250	110.8	190	17.5	56.6	38.6	25.5	133
85	3.375	112.8	220	22	58.4	38.6	25.5	135
	3.500	117.8	220	22	56.6	38.6	25.5	140
90		117.8	220	22	58.4	38.6	25.5	140
	3.625	119.8	220	22	56.6	38.6	25.5	142
95		122.8	220	22	58.4	38.6	25.5	145
	3.750	122.8	220	22	56.6	38.6	25.5	145
	3.875	127.8	220	22	56.6	38.6	25.5	150
100		127.8	220	22	58.4	38.6	25.5	150
	4.000	127.8	220	22	56.6	38.6	25.5	150

## Features:

- Stationary Design
- Monolithic Faces
- Cushioned Faces
- Springs outside the media
- Double pressure balanced
- Full pressure reversal
- Manual venting
- Radial/Axial Extreme Motion