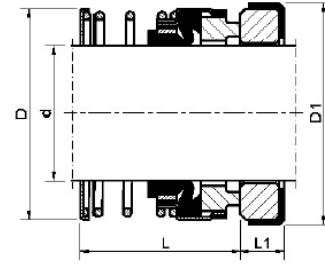


CP21



Technical Features
Single seal, Unbalanced
Single spring
Bi-directional
Elastomer diaphragm
Equivalent to John Crane type 21/251, Pac-seal type 21, US Seal type C

Materials
Seal faces: carbon graphite (resin-impregnated) silicon carbide, tungsten carbide
Stationary seats: ceramic, Ni-resist, silicon carbide, tungsten carbide
Elastomers: Neoprene, NBR, FPM, EPDM
Metal components: AISI 304, 316, 316Ti

CP21 dimensions (inches)				
Shaft Size d	Head O.D. D	Seat O.D. D1	Operating Height L	Seat Thickness L1
0.375	0.812	0.875	0.812	0.284
0.500	0.937	1.000	0.812	0.312
0.625	1.062	1.250	0.875	0.406
0.750	1.187	1.375	0.875	0.406
0.875	1.312	1.500	0.937	0.406
1.000	1.687	1.625	1.000	0.437
1.125	1.812	1.750	1.062	0.437
1.250	1.937	1.875	1.062	0.437
1.375	2.062	2.000	1.125	0.437
1.500	2.187	2.125	1.125	0.437
1.625	2.500	2.375	1.375	0.500
1.750	2.625	2.500	1.375	0.500
1.875	2.750	2.625	1.500	0.500
2.000	2.875	2.750	1.500	0.500
2.125	3.000	3.000	1.687	0.562
2.250	3.125	3.125	1.687	0.562
2.375	3.250	3.250	1.812	0.562
2.500	3.430	3.375	1.812	0.562
2.625	3.200	3.375	1.937	0.625
2.750	3.750	3.500	1.937	0.625
2.875	3.875	3.750	2.062	0.625
3.000	4.000	3.875	2.062	0.625

CP21M (to DIN 24960) dimensions (mm)				
Shaft Size d	Head O.D. D	Seat O.D. D1	Operating Height L	Seat Thickness L1
12	21.7	23.0	23.9	8.6
14	23.9	25.0	26.4	8.6
16	26.7	27.0	26.4	8.6
18	30.4	33.0	27.5	10.0
20	33.4	35.0	27.5	10.0
22	33.4	37.0	27.5	10.0
24	38.0	39.0	30.0	10.0
25	39.3	40.0	30.0	10.0
28	42.0	43.0	32.5	10.0
30	44.0	45.0	32.5	10.0
32	45.8	48.0	32.5	10.0
33	45.8	48.0	32.5	10.0
35	49.0	50.0	34.0	11.0
38	52.8	56.0	34.0	11.0
40	55.8	58.0	34.0	11.0
43	58.8	61.0	34.0	11.0
45	61.0	63.0	34.0	11.0
48	64.0	66.0	34.0	11.0
50	66.0	70.0	34.5	13.0
55	71.7	75.0	34.5	13.0
58	78.4	78.0	39.5	13.0
60	78.4	80.0	39.5	13.0
63	81.5	83.0	39.5	13.0
65	84.3	85.0	39.5	13.0
68	89.7	90.0	37.2	13.0
70	89.7	92.0	37.2	15.3
75	96.8	97.0	44.7	15.3
80	104.0	105.0	44.3	15.7
85	109.0	110.0	44.3	15.7