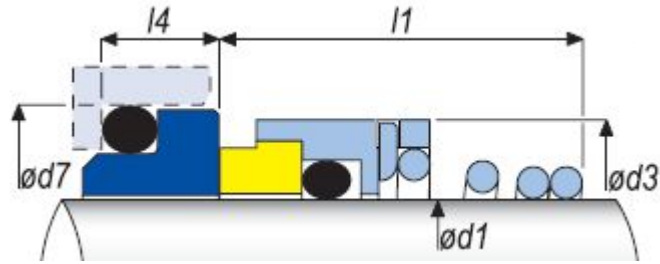


Type 23



d1		d3		d7		l1		l4	
Metric	Inches	Metric	Inches	Metric	Inches	Metric	Inches	Metric	Inches
10.0	0.394	19.0	0.748	18.1	0.713	15.0	0.591	5.5	0.217
11.0	0.433	20.0	0.787	20.6	0.811	18.0	0.709	5.5	0.217
12.0	0.472	21.0	0.827	20.6	0.811	18.0	0.709	5.5	0.217
13.0	0.512	23.0	0.906	23.1	0.909	22.0	0.866	6.0	0.236
14.0	0.551	23.0	0.906	23.1	0.909	22.0	0.866	6.0	0.236
15.0	0.591	24.0	0.945	26.9	1.059	22.0	0.866	7.0	0.276
16.0	0.630	26.0	1.024	26.9	1.059	23.0	0.906	7.0	0.276
18.0	0.709	29.0	1.142	30.9	1.217	24.0	0.945	8.0	0.315
19.0	0.748	31.0	1.220	30.9	1.217	25.0	0.984	8.0	0.315
20.0	0.787	31.0	1.220	30.9	1.217	25.0	0.984	8.0	0.315
21.0	0.827	33.0	1.299	35.4	1.394	25.0	0.984	8.0	0.315
22.0	0.866	33.0	1.299	35.4	1.394	25.0	0.984	8.0	0.315
23.0	0.906	35.0	1.378	35.4	1.394	27.0	1.063	8.0	0.315
24.0	0.945	35.0	1.378	35.4	1.394	27.0	1.063	8.0	0.315
25.0	0.984	36.0	1.417	38.2	1.504	27.0	1.063	8.5	0.335
26.0	1.024	36.0	1.417	38.2	1.504	27.0	1.063	8.5	0.335
28.0	1.102	40.0	1.575	43.3	1.705	29.0	1.142	9.0	0.354
30.0	1.181	43.0	1.693	43.3	1.705	30.0	1.181	9.0	0.354
32.0	1.260	46.0	1.811	43.3	1.705	30.0	1.181	9.0	0.354
33.0	1.299	46.0	1.811	53.5	2.106	39.0	1.535	11.5	0.453
34.0	1.339	49.0	1.929	53.5	2.106	39.0	1.535	11.5	0.453
35.0	1.378	49.0	1.929	53.5	2.106	39.0	1.535	11.5	0.453
36.0	1.417	49.0	1.929	53.5	2.106	39.0	1.535	11.5	0.453
38.0	1.496	53.0	2.087	60.5	2.382	39.0	1.535	11.5	0.453
38.0(B)	1.496	53.0	2.087	53.5	2.106	39.0	1.535	10.0	0.394
40.0	1.575	56.0	2.205	60.5	2.382	39.0	1.535	11.5	0.453
42.0	1.654	59.0	2.323	60.5	2.382	39.0	1.535	11.5	0.453
43.0	1.693	59.0	2.323	60.5	2.382	39.0	1.535	11.5	0.453
44.0	1.732	61.0	2.402	65.5	2.579	41.0	1.614	11.5	0.453
45.0	1.772	61.0	2.402	65.5	2.579	41.0	1.614	11.5	0.453
48.0	1.890	64.0	2.520	65.5	2.579	41.0	1.614	11.5	0.453
50.0	1.969	66.0	2.598	72.5	2.854	45.0	1.772	11.5	0.453
55.0	2.165	71.0	2.795	72.5	2.854	47.0	1.850	11.5	0.453
60.0	2.362	78.0	3.071	79.3	3.122	49.0	1.929	11.5	0.453
65.0	2.559	84.0	3.307	84.5	3.327	51.0	2.008	11.5	0.453
70.0	2.756	89.7	3.533	89.5	3.524	51.0	2.008	11.5	0.453
75.0	2.953	98.0	3.858	94.5	3.720	57.0	2.244	11.5	0.453
80.0	3.150	100.0	3.937	99.5	3.917	59.0	2.323	11.5	0.453
85.0	3.346	107.5	4.232	105.5	4.154	59.0	2.323	13.5	0.531
90.0	3.543	111.0	4.370	111.5	4.390	62.0	2.441	13.5	0.531
95.0	3.740	119.0	4.685	116.5	4.587	62.0	2.441	13.5	0.531
100.0	3.937	124.0	4.882	119.5	4.705	75.0	2.953	13.5	0.531

Material Face:

Rotary Face : Tungsten Carbide
Silicon Carbide, Carbon

Stationary Face: Tungsten Carbide
Silicon Carbide, Carbon

Elastomer : NBR , Viton, PTFE

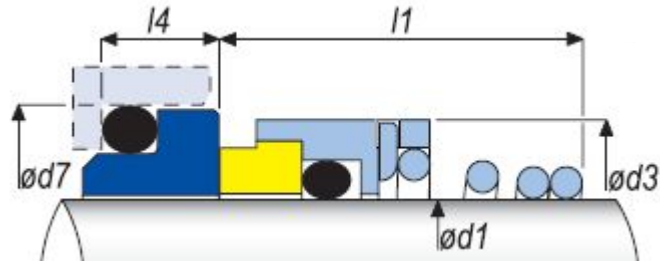
Operation Limited:

Speed : 15 m/s

Pressure : 160psi

Temp: -40 to 200 C

Type 23DIN



d1		d3		d7		l1		l4	
Metric	Inches	Metric	Inches	Metric	Inches	Metric	Inches	Metric	Inches
10.0	0.394	19.0	0.748	21.0	0.827	15.0	0.591	7.0	0.276
12.0	0.472	21.0	0.827	23.0	0.906	18.0	0.709	7.0	0.276
14.0	0.551	23.0	0.906	25.0	0.984	22.0	0.866	7.0	0.276
16.0	0.630	26.0	1.024	27.0	1.063	23.0	0.906	7.0	0.276
18.0	0.709	29.0	1.142	33.0	1.299	24.0	0.945	10.0	0.394
20.0	0.787	31.0	1.220	35.0	1.378	25.0	0.984	10.0	0.394
22.0	0.866	33.0	1.299	37.0	1.457	25.0	0.984	10.0	0.394
24.0	0.945	35.0	1.378	39.0	1.535	27.0	1.063	10.0	0.394
25.0	0.984	36.0	1.417	40.0	1.575	27.0	1.063	10.0	0.394
28.0	1.102	40.0	1.575	43.0	1.693	29.0	1.142	10.0	0.394
30.0	1.181	43.0	1.693	45.0	1.772	30.0	1.181	10.0	0.394
32.0	1.260	46.0	1.811	48.0	1.890	30.0	1.181	10.0	0.394
33.0	1.299	46.0	1.811	48.0	1.890	39.0	1.535	10.0	0.394
35.0	1.378	49.0	1.929	50.0	1.969	39.0	1.535	10.0	0.394
38.0	1.496	53.0	2.087	56.0	2.205	42.0	1.654	13.0	0.512
40.0	1.575	56.0	2.205	58.0	2.283	42.0	1.654	13.0	0.512
43.0	1.693	59.0	2.323	61.0	2.402	47.0	1.850	13.0	0.512
45.0	1.772	61.0	2.402	63.0	2.480	47.0	1.850	13.0	0.512
48.0	1.890	64.0	2.520	66.0	2.598	47.0	1.850	13.0	0.512
50.0	1.969	66.0	2.598	70.0	2.756	46.0	1.811	14.0	0.551
53.0	2.087	69.0	2.717	73.0	2.874	56.0	2.205	14.0	0.551
55.0	2.165	71.0	2.795	75.0	2.953	56.0	2.205	14.0	0.551
58.0	2.283	76.0	2.992	78.0	3.071	56.0	2.205	14.0	0.551
60.0	2.362	78.0	3.071	80.0	3.150	56.0	2.205	14.0	0.551
63.0	2.480	81.0	3.189	83.0	3.268	56.0	2.205	14.0	0.551
65.0	2.559	84.0	3.307	85.0	3.346	66.0	2.598	14.0	0.551
68.0	2.677	87.0	3.425	90.0	3.543	64.0	2.520	16.0	0.630
70.0	2.756	89.0	3.528	92.0	3.622	64.0	2.520	16.0	0.630
75.0	2.953	98.0	3.858	97.0	3.819	64.0	2.520	16.0	0.630
80.0	3.150	100.0	3.937	105.0	4.134	72.0	2.835	18.0	0.709
85.0	3.346	107.5	4.232	110.0	4.331	72.0	2.835	18.0	0.709
90.0	3.543	111.0	4.370	115.0	4.528	72.0	2.835	18.0	0.709
95.0	3.740	119.0	4.685	120.0	4.724	72.0	2.835	18.0	0.709
100.0	3.937	123.8	4.874	125.0	4.921	72.0	2.835	18.0	0.709

Material Face:

Rotary Face : Tungsten Carbide
Silicon Carbide, Carbon

Stationary Face: Tungsten Carbide
Silicon Carbide, Carbon

Elastomer : NBR , Viton, PTFE

Operation Limited:

Speed : 15 m/s

Pressure : 160psi

Temp: -40 to 200 C