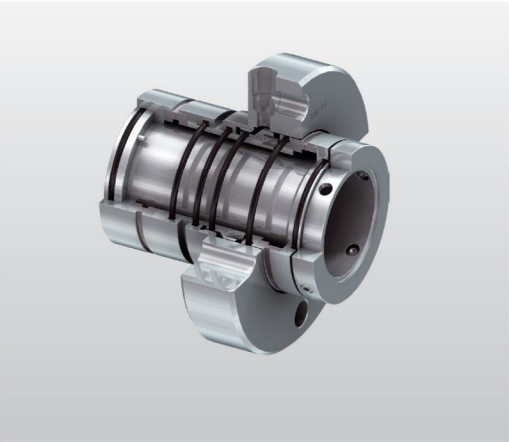
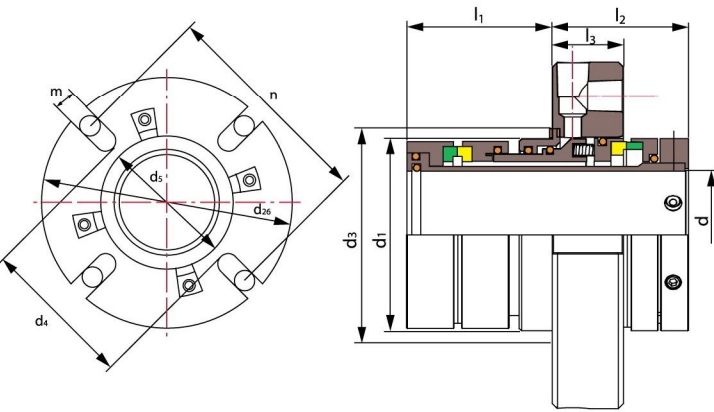




TSDC-J04

Operating Limits

Pressure: <2.1MPa (shaft diameter≤75mm)
<1.3MPa (shaft diameter>75mm)
Speed: ≤25m/s
Temperature: -30°C ~+205°C

- Rotary Ring(SiC/Carbon/TC)
- Stationary Ring(SiC/Carbon/TC)
- Secondary Seal(VITON/Encapsulated Ring/PTFE)
- Other Parts(SUS304/SUS316/Titanium/Hastelloy-C)

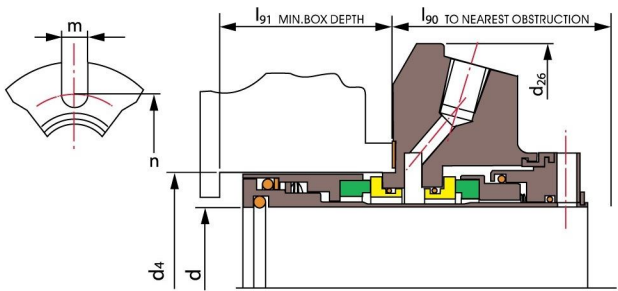
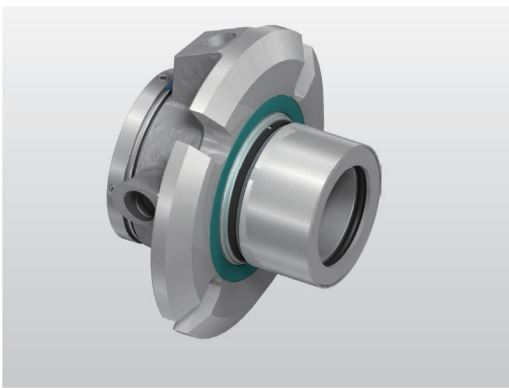
d (mm)	l ₁	l ₂	m	l ₃	d ₁	d ₃	d ₄	n	d ₅	d ₂₆
35	57	49	13	20	58	79	68	91	62	130
38	59	52	13	23	62	86	72	98	66	130
40	59	52	13	23	62	86	72	98	66	130
43	59	52	13	23	67	89	77	101	70	130~150
45	59	52	13	23	69	93	79	105	75	130~150
48	60	53	13	23	72	93	82	105	75	140~150
50	60	53	13/17	23	74	99	84	111/115	77	140~170
53	60	53	13	24	76	99	86	111	80	140~170
55	64	53	13/17	24	79	99	89	111/115	82	150~170
58	64	53	13	24	83	99	93	111	84	150
60	64	53	13/17	24	85	111	95	123/127	87	150~170
63	72	60	17	25	90	111	99	127	90	160
65	72	60	17	25	93	111	102	127	92	160~170
68	72	60	17	25	95	111	104	127	95	170
70	72	60	17	25	95	139	105	155	98	170~220
80	74	65	17	29	109	139	118	155	111	200~220
85	78	70	17	30	114	149	123	165	111	200~220
90	78	70	17	30	119	149	128	165	120	200~220
95	78	70	17	30	125	149	134	165	125	200
100	76	76	17	34	129	159	138	175	131	220
105	76	76	17	34	135	169	144	175	134	220
110	76	76	17	34	140	169	149	175	139	230
115	76	76	17	34	150	179	160	185	150	230
120	76	76	17	34	157	188	170	194	158	245
125	76	76	17	34	160	189	175	194	170	270
130	84	86	17	36	166	194	180	210	174	280
135	84	86	17	36	172	199	185	215	179	280
140	84	86	17	36	178	206	192	222	187	280

TSDC-J05

Operating Limits

Pressure: ≤2.1MPa
Speed: ≤25m/s
Temperature: -30°C ~+205°C

- Rotary Ring(SiC/Carbon/TC)
- Stationary Ring(SiC/Carbon/TC)
- Secondary Seal(VITON/Encapsulated Ring/PTFE)
- Other Parts(SUS304/SUS316/Titanium/Hastelloy-C)



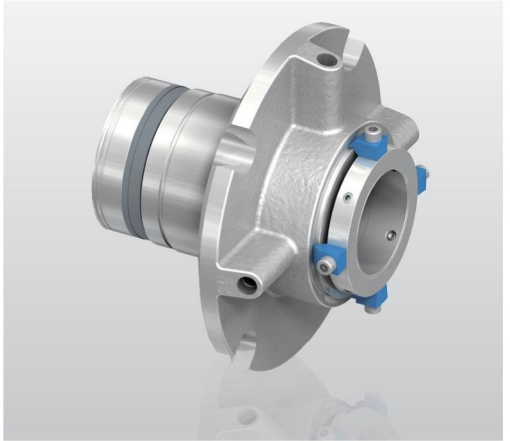
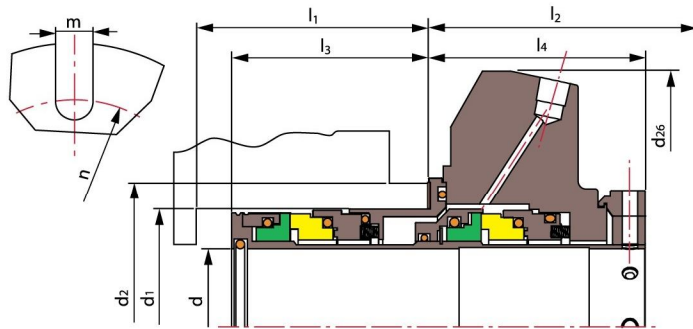
d (inches)	d ₄		d ₂₆	l ₉₀	l ₉₁	n		m
	min	max				min		
1.000	1.625	1.889	4.000	2.000	1.635	2.805		0.525
1.125	1.750	2.015	4.125	2.125	1.603	2.933		0.525
1.250	1.875	2.294	4.250	2.125	1.603	3.213		0.525
1.375	2.000	2.421	4.375	2.125	1.603	3.338		0.525
1.500	2.250	2.680	4.875	2.187	1.680	3.599		0.525
1.625	2.375	2.812	5.000	2.187	1.680	3.766		0.562
1.750	2.500	2.918	5.250	2.187	1.680	3.875		0.562
1.875	2.625	2.918	5.250	2.187	1.680	3.875		0.562
2.000	2.750	3.015	5.500	2.375	1.711	4.000		0.562
2.125	2.875	3.360	5.859	2.375	1.711	4.469		0.687
2.250	3.000	3.485	6.500	2.475	1.711	4.566		0.687
2.375	3.125	3.610	6.500	2.528	1.711	4.719		0.687
2.500	3.375	3.891	6.750	2.625	1.703	5.000		0.687
2.625	3.687	4.062	6.750	2.562	1.727	5.170		0.687
2.750	3.687	4.062	6.750	2.562	1.727	5.170		0.687

TSDC-FS02

Operating Limits

Pressure: ≤2.1MPa
Speed: ≤25m/s
Temperature: -30°C ~+205°C

- Rotary Ring(SiC/Carbon/TC)
- Stationary Ring(SiC/Carbon/TC)
- Secondary Seal(VITON/Encapsulated Ring/PTFE)
- Other Parts(SUS304/SUS316/Titanium/Hastelloy-C)



d (inches)	d ₁		d ₂	d ₂₆	l ₃	l ₁	l ₄	l ₂	n	m
	min	max								
1.000	1.625	1.875	2.115	3.69~3.75	1.838	1.900	2.062	2.124	2.750	0.440
1.125	1.750	2.000	2.240	3.69~3.75	1.838	1.900	2.062	2.124	2.875	0.440
1.250	1.890	2.245	2.495	4.19~4.25	1.838	1.900	2.062	2.124	3.125	0.562
1.375	2.000	2.375	2.615	3.94~4.00	1.838	1.900	2.062	2.124	3.250	0.440
1.437	2.250	2.688	2.775	4.72~4.78	1.903	1.965	2.122	2.184	3.750	0.560
1.500	2.250	2.525	2.775	4.69~4.75	1.903	1.965	2.122	2.184	3.750	0.560
1.625	2.375	2.780	3.030	4.69~4.75	1.903	1.965	2.122	2.184	3.750	0.560
1.750	2.500	2.875	3.150	4.94~5.00	1.903	1.965	2.122	2.184	3.875	0.560
1.875	2.625	2.875	3.150	4.94~5.00	1.903	1.965	2.122	2.184	3.875	0.560
1.937	2.690	2.920	\	\	1.903	1.965	2.122	2.184	\	\
2.000	2.750	3.030	3.280	5.00~5.12	1.903	1.965	2.122	2.184	4.120	0.688
2.125	2.875	3.125	3.430	5.94~6.00	1.903	1.965	2.122	2.184	4.250	0.750
2.250	3.000	3.280	\	\	1.903	1.965	2.122	2.184	\	\
2.375	3.125	3.687	3.975	6.32~6.38	1.903	1.965	2.122	2.184	4.875	0.750
2.437	3.375	3.450	TBD	6.32~6.38	1.934	1.996	2.091	2.153	4.875	0.750
2.500	3.375	3.687	3.975	6.32~6.38	1.903	1.965	2.122	2.184	4.875	0.750
2.625	3.625	4.312	4.615	7.19~7.25	2.429	2.491	2.906	2.968	5.625	0.880
2.750	3.750	4.312	4.615	7.19~7.25	2.429	2.491	2.906	2.968	5.625	0.880