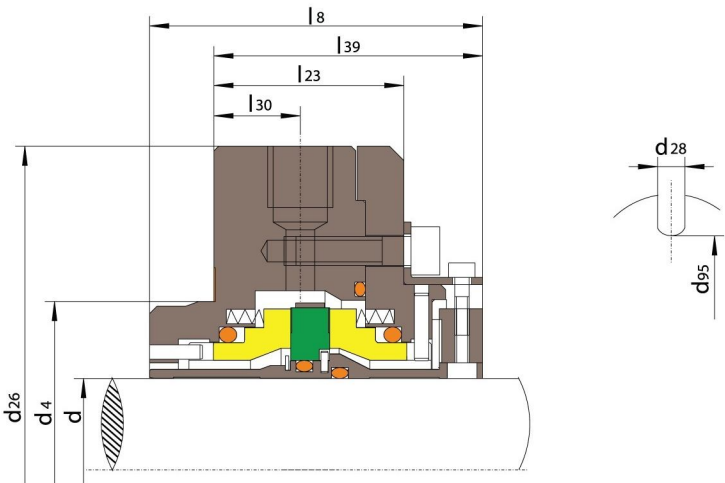




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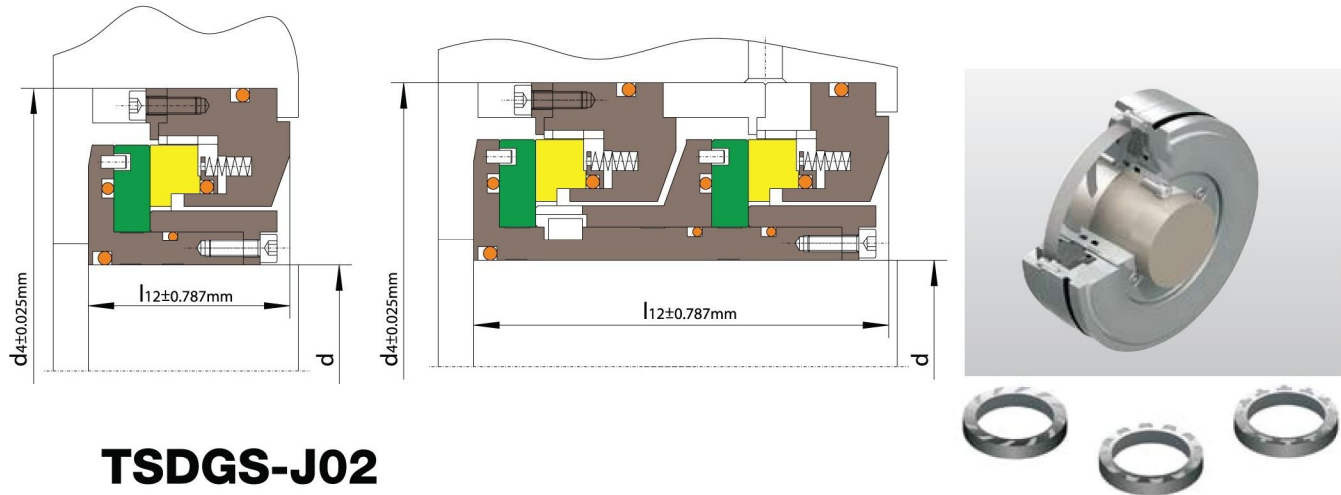
Operating Limits

Pressure: ≤1.6MPa
Speed: ≤25m/s
Temperature: -20°C~260°C

- Rotary Ring(SiC/TC)
- Stationary Ring(Carbon)
- Secondary Seal(VITON/Kalrez)
- Other Parts(C-276/Duplex/SUS316)

D	d ₄ min	d ₂₆	d ₂₈	d ₉₅	l ₈	l ₂₃	l ₃₀	l ₃₉	D	d ₄ min	d ₂₆	d ₂₈	d ₉₅	l ₈	l ₂₃	l ₃₀	l ₃₉
25	41	114	12	64.7	67.8	37.5	15.5	54.5	0.875	1.500	3.750	0.437	2.295	2.574	1.398	0.513	2.028
28	44	117	12	67.7	67.8	37.5	15.5	54.5	1.000	1.625	3.750	0.437	2.421	2.574	1.398	0.513	2.028
30	46	119	12	69.7	67.8	37.5	15.5	54.5	1.125	1.750	4.250	0.437	2.469	2.574	1.398	0.513	2.028
33	49	122	14	72.7	67.8	37.5	15.5	54.5	1.250	2.000	4.250	0.437	2.669	2.574	1.398	0.513	2.028
35	51	124	14	74.7	67.8	37.5	15.5	54.5	1.375*	2.125	4.250	0.437	2.795	2.574	1.398	0.513	2.028
38	58	135	14	79.7	69.4	39.8	17.7	56.5	1.375**	2.000	4.250	0.437	2.795	2.574	1.398	0.513	2.028
40	60	137	14	81.7	69.4	39.8	17.7	56.5	1.500	2.250	4.875	0.562	3.142	2.732	1.567	0.697	2.224
43	63	140	14	84.7	69.4	39.8	17.7	56.5	1.625	2.375	4.500	0.437	2.680	2.732	1.567	0.697	2.224
45	65	142	14	86.7	69.4	39.8	17.7	56.5	1.750	2.500	5.500	0.562	3.390	2.732	1.567	0.697	2.224
50	70	147	18	91.7	69.4	41.8	17.7	56.5	1.875	2.625	5.500	0.562	3.335	2.732	1.567	0.697	2.224
53	73	150	18	94.7	69.4	41.8	17.7	56.5	2.000	2.750	4.750	0.562	3.461	2.732	1.567	0.697	2.224
55	75	152	18	96.7	69.4	41.8	17.7	56.5	2.125	2.875	6.000	0.687	3.768	2.732	1.567	0.697	2.224
60	85	157	18	101.7	69.4	41.8	17.7	56.5	2.250	3.125	6.500	0.687	3.890	2.732	1.567	0.697	2.224
65	90	180	18	106.7	71.4	43.8	19.7	58.5	2.375	3.250	6.250	0.687	4.016	2.732	1.567	0.697	2.224
80	109	195	18	121.7	71.4	43.8	19.7	58.5	2.500	3.375	6.500	0.687	4.142	2.812	1.724	0.776	2.303
100	129	215	22	141.7	71.4	43.8	19.7	58.5	2.625	3.625	6.500	0.687	4.268	2.812	1.724	0.776	2.303
									2.750	3.750	7.000	0.687	4.370	2.812	1.724	0.776	2.303
									3.000	4.000	7.000	0.687	4.642	2.812	1.724	0.776	2.303
									3.500	4.500	7.250	0.812	5.142	2.812	1.724	0.776	2.303
									4.000	5.000	7.250	0.812	5.642	2.812	1.724	0.776	2.303

*Durco **Goulds



TSDGS-J02

Operating Limits

Pressure: ≤12.4MPa
Speed: ≤180m/s
Temperature: -20°C~260°C

- Rotary Ring(SiC/TC)
- Stationary Ring(Carbon)
- Secondary Seal(VITON/Kalrez)
- Other Parts(C-276/Duplex/SUS316)

Seal size (mm)	d Shaft Range	d ₄	l ₁₂ Single Min	l ₁₂ Tandem Min	Seal size (inches)	d Shaft Range	d ₄	l ₁₂ Single Min	l ₁₂ Tandem Min
56	25.4-29.0	104.8	46.4	99.2	2.187	1.000-1.140	4.125	1.828	3.906
62	29.0-34.9	111.9	46.8	99.2	2.437	1.141-1.375	4.406	1.843	3.906
68	35.0-41.3	119.5	47.2	99.6	2.687	1.376-1.625	4.703	1.859	3.921
75	41.3-46.8	126.2	47.2	99.6	2.937	1.626-1.843	4.968	1.859	3.921
81	46.8-53.2	133.7	47.6	100.0	3.187	1.844-2.093	5.265	1.875	3.937
87	53.2-59.5	140.9	48.4	100.4	3.437	2.094-2.343	5.546	1.906	3.953
94	59.5-65.1	148.0	48.8	100.8	3.687	2.344-2.562	5.828	1.921	3.968
100	65.1-71.4	155.2	48.8	100.8	3.937	2.563-2.812	6.109	1.921	3.968
106	71.4-77.0	162.3	49.2	101.2	4.187	2.813-3.031	6.390	1.937	3.984
113	77.0-82.9	169.4	50.0	101.6	4.437	3.032-3.265	6.671	1.968	4.000
119	83.0-88.9	177.0	50.0	101.6	4.687	3.266-3.500	6.968	1.968	4.000
125	88.9-94.8	183.7	50.8	102.8	4.937	3.501-3.734	7.234	2.000	4.046
132	94.9-101.2	191.3	51.6	104.4	5.187	3.735-3.984	7.531	2.031	4.109
138	101.2-107.1	198.4	52.0	104.8	5.437	3.985-4.218	7.812	2.046	4.125
144	107.2-113.1	205.6	52.8	106.3	5.687	4.219-4.453	8.093	2.078	4.187
151	113.1-119.0	212.7	53.6	108.0	5.937	4.454-4.687	8.375	2.109	4.250
156	119.1-123.4	217.9	54.8	109.5	6.125	4.688-4.859	8.578	2.156	4.312
162	123.4-129.8	225.4	55.1	110.7	6.375	4.860-5.109	8.875	2.171	4.359
168	129.8-135.7	232.6	55.5	111.5	6.625	5.110-5.343	9.156	2.187	4.390
175	135.7-141.7	239.7	56.3	112.3	6.875	5.344-5.578	9.437	2.218	4.421
181	141.7-147.6	246.8	57.2	114.3	7.125	5.579-5.812	9.718	2.250	4.500
187	147.7-153.6	254.0	57.9	115.9	7.375	5.813-6.046	10.000	2.281	4.562
194	153.6-159.9	261.1	58.7	117.5	7.625	6.047-6.296	10.281	2.312	4.625
200	159.9-165.9	268.7	59.5	119.0	7.875	6.297-6.531	10.578	2.343	4.687
206	165.9-171.8	277.8	59.9	119.5	8.125	6.532-6.765	10.937	2.359	4.703
213	171.9-177.4	285.3	60.7	121.0	8.375	6.766-6.984	11.234	2.390	4.765
219	177.4-183.3	292.1	61.5	122.2	8.625	6.985-7.218	11.500	2.421	4.812
225	183.4-189.7	299.6	62.3	123.8	8.875	7.219-7.468	11.796	2.453	4.875
232	189.7-195.7	306.8	63.1	125.4	9.125	7.469-7.703	12.078	2.484	4.937
238	195.7-201.6	313.9	63.5	126.2	9.375	7.704-7.937	12.359	2.500	4.968
244	201.6-207.5	321.1	64.3	127.8	9.625	7.938-8.171	12.640	2.531	5.031
251	207.6-213.5	328.2	65.1	129.4	9.875	8.172-8.406	12.921	2.562	5.093
257	213.5-219.9	335.4	65.5	130.2	10.125	8.407-8.656	13.203	2.578	5.125