

RD SINGLE AND DOUBLE DISC SPECIFICATIONS

Model	Rated Torque		Max Speed	Moment of Inertia (kg·m ²)		Static Torsional Stiffness (Nm/rad)		Errors of Eccentricity (mm)	Errors of Shaft Angularity (°C)		Errors of Shaft Endplay (mm)		Mass (g)	
	lb-in	Nm	rpm	Single Disc	Double Disc	Single Disc	Double Disc	Double Disc	Single Disc	Double Disc	Single Disc	Double Disc	Single Disc	Double Disc
RD1927	8.85	1.00	10000	0.65x10 ⁻⁶	9.0x10 ⁻⁷	200	170	0.12	1	1.5	± 0.2	± 0.4	8	14.6
RD2635	12.39	1.50	10000	1.8x10 ⁻⁶	3.0x10 ⁻⁶	690	820	0.15	1	1.5	± 0.2	± 0.4	24	37
RD3241	24.78	2.00	10000	7.2x10 ⁻⁶	1.0x10 ⁻⁵	1650	1750	0.17	1	1.5	± 0.2	± 0.4	46	67
RD3445	51.33	3.00	10000	1.8x10 ⁻⁵	1.1x10 ⁻⁵	2500	1860	0.17	1	1.5	± 0.2	± 0.4	57	77
RD3950	77.00	6.00	10000	2.5x10 ⁻⁵	3.0x10 ⁻⁵	2900	2860	0.22	1	1.5	± 0.2	± 0.4	96	118
RD4450	79.65	9.00	10000	8.5x10 ⁻⁵	3.8x10 ⁻⁵	6700	3300	0.22	1	1.5	± 0.5	± 0.5	100	144
RD5063	159.30	18.00	10000	1.0x10 ⁻⁴	3.0x10 ⁻⁵	8400	3300	0.1	1	1.5	± 0.5	± 0.5	160	235
RD5664	221.25	25.00	10000	1.9x10 ⁻⁴	1.6x10 ⁻⁴	11500	9480	0.27	1	1.5	± 0.5	± 0.5	266	318
RD6875	531.00	60.00	9000	7.0x10 ⁻⁴	2.0x10 ⁻⁴	14550	19000	0.31	1	1.5	± 0.6	± 0.6	300	492
RD8298	885.00	100.00	8000	1.23x10 ⁻³	2.5x10 ⁻⁴	16900	28450	0.55	1	1.5	± 0.7	± 0.7	700	1013

Anodized Aluminum, SUS 304 Flex Disc