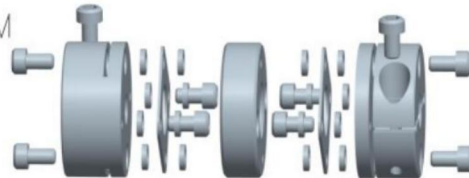
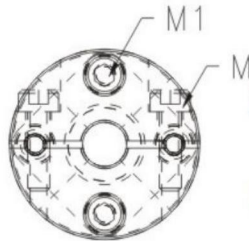
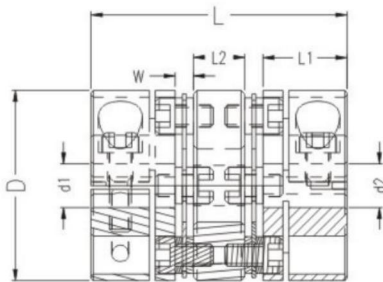


RD 2 Series Clamping Double Diaphragm Coupling

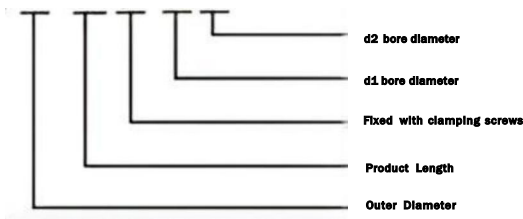
Characteristics

High torque rigidity and high sensitivity
 Zero rotation clearance, suitable for both forward and reverse rotation.
 The stainless steel diaphragm compensates angular and axial deviations, specifically designed for servo motors and stepper motors.



Model Definition

RD2-26×35CD-05×06



Example: RD2-26X35CD-05X06

RD2: Product Series Number

26: Outer diameter 26 mm

35: Total length is 35 mm

CD: Fixed with multiple clamping screws

05: d1 bore diameter: 05 mm

06: d2 bore diameter: 06 mm

Dimension Parameters Unit(mm)

Model	Parameter	Max Bore Φd1 / Φd2	ΦD	L	W	L1	L2	M	Tightening torque (N·m)
RD2-16X23CD		6	16	23	1.4	7.8	5	M2	0.6
RD2-19.5X27.8CD		8	19.5	27.8	2.3	9.2	4.8	M2.5	1.0
RD2-26X32CD		11	26	35	2.5	11.5	4.0	M3	1.5
RD2-26X35CD		11	26	35	2.5	11.5	7.0	M3	1.5
RD2-32X41CD		14	32	41	3.3	13	8.5	M3	1.5
RD2-34X35CD		15	34	35	3.3	11.5	6.5	M3	1.5
RD2-34X45CD		14	34	45	3.3	14.1	9.4	M4	2.5
RD2-39X44CD		17	39	44	4.5	15	5.0	M4	2.5
RD2-39X49CD		17	39	49	4.1	15	10.8	M4	2.5
RD2-44X44CD		22	44	44	4.5	15	5.0	M4	2.5
RD2-44X50CD		22	44	50	4.5	15	11.0	M4	2.5
RD2-50X55CD		24	50	62	4.5	18	12.0	M5	7.0
RD2-56X61CD		26	56	61	5.5	20	10.0	M5	7.0
RD2-56X64CD		26	56	64	5.5	20	13.0	M5	7.0
RD2-62X70CD		30	62	70	6.0	23	12	M6	12
RD2-68X74CD		35	68	74	6.0	24	14.0	M6	12
RD2-82X98CD		40	82	98	8.0	30	22.0	M8	16

(The internal hole accuracy is H7; it can be customized according to customer requirements)

RD2 Series Clamping Double Diaphragm Coupling

Technical Parameters

Parameter Model	Rated torque (N·m)	Maximum torque (N·m)	Maximum speed (rpm)	Inertial moment (kg·m ²)	Static torque rigidness (N·m/rad)	Allowable radial deviation (mm)	Allowable angular deviation (°)	Allowable axial deviation (mm)	Weight (g)
RD2-16X23CD	0.5	1.0	10000	3.6X10 ⁻⁷	260	0.05	0.5	±0.2	4
RD2-19.5X27.8CD	0.5	1.0	1000	8.8X10 ⁻⁷	520	0.10	0.5	±0.2	8
RD2-26X32CD	1.0	2.0	10000	3.5X10 ⁻⁶	1200	0.15	1	±0.2	12
RD2-26X35CD	2.0	4.0	10000	3.8X10 ⁻⁶	3500	0.15	1	±0.2	28
RD2-32X41CD	4.0	8.0	10000	6.2X10 ⁻⁴	3500	0.16	1	±0.2	34
RD2-34X35CD	5.0	10	10000	1.2X10 ⁻⁵	4000	0.18	1	±0.2	45
RD2-34X45CD	5.0	10	10000	1.5X10 ⁻⁶	4000	0.18	1	±0.2	55
RD2-39X44CD	10	20	10000	2.3X10 ⁻⁵	8000	0.24	1	±0.2	58
RD2-39X49CD	10	20	10000	2.8X10 ⁻⁵	9000	0.24	1	±0.2	80
RD2-44X44CD	12	24	10000	4.2X10 ⁻⁵	10000	0.24	1	±0.2	100
RD2-44X50CD	12	24	10000	4.5X10 ⁻⁵	12000	0.26	1	±0.2	120
RD2-50X55CD	15	30	10000	8.0X10 ⁻⁵	16000	0.26	1	±0.2	145
RD2-56X61CD	25	50	10000	1.2X10 ⁻⁴	25000	0.28	1	±0.2	148
RD2-56X64CD	25	50	10000	1.5X10 ⁻⁴	25000	0.28	1	±0.2	212
RD2-62X70CD	40	80	1000	2.5X10 ⁻⁴	30000	0.30	1	±0.2	300
RD2-68X74CD	60	120	9000	3.6x10 ⁻⁴	35000	0.35	1	±0.2	350
RD2-82X98CD	80	160	8000	2.2X10 ⁻³	45000	0.53	1	±0.2	660