

RD2-C TYPE

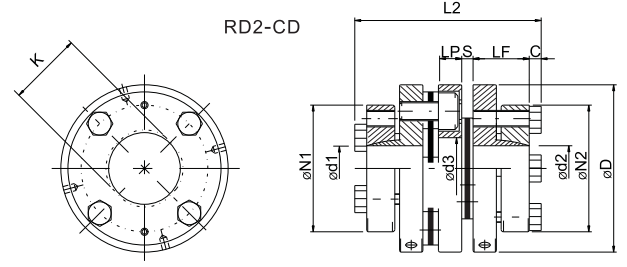
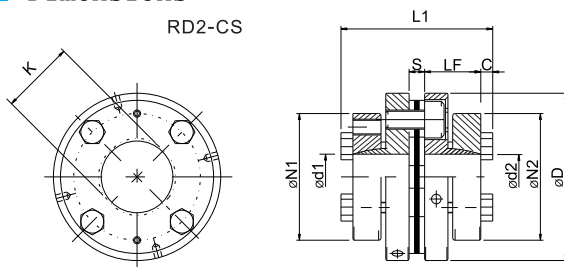
Expansion Bushing Diaphragm Coupling



Parameters

Model	Rated Torque (N · m)	Max Rotational Speed (min ⁻¹)	StaticTorsional Stiffness (N · m/rad)	Axial Elastic Constant (N · mm)	Moment of Inertia (kg · m ²)	Parallel Misalignment (mm)	Angular Misalignment (°)	Axial Misalignment (mm)	Weight
RD2-070CS	70	18000	60000	105	0.68×10^{-3}	0.02	1	±0.5	0.93
RD2-080CS	130	17000	64000	96	1.03×10^{-3}	0.02	1	±0.5	1.22
RD2-090CS	200	15000	140000	320	2.06×10^{-3}	0.02	1	±0.6	1.63
RD2-100CS	300	13000	160000	360	2.99×10^{-3}	0.02	1	±0.7	1.81
RD2-070CD	70	14000	30000	53	0.83×10^{-3}	0.25	1 (Single side)	±1.0	1.14
RD2-080CD	130	13000	32000	48	1.36×10^{-3}	0.31	1 (Single side)	±1.0	1.57
RD2-090CD	200	12000	70000	160	2.58×10^{-3}	0.30	1 (Single side)	±1.2	2.03
RD2-100CD	300	10000	80000	180	3.76×10^{-3}	0.31	1 (Single side)	±1.4	2.27

Dimensions



Unit [mm]

Model	d1·d2	D	L1	L2	N1·N2	LF	S	C	k	H	M	M1	M2
RD2-070C	18·19	70	63.5	78	53	23.5	6.5	5	31	4-5.1	M6	4-M6	2-M6
	20·22·24·25				58								
	28·30				63								
	32·35				68								
	22·24·25				58								
RD2-080C	28·30	80	69.3	87.6	63	25.5	8.3	5	37	4-5.1	M8	4-M6	2-M6
	32·35				68								
	28				68								
RD2-090C	30·32·35	90	68.7	86.4	73	25.5	7.7	5	50	3-6.8	M8	6-M6	3-M6
	38·40				78								
	42·45				83								
	48				88								
	32·35				73								
RD2-100C	38·40	100	69	87	78	25.5	8	5	58	3-6.8	M8	6-M6	3-M6
	42·45				83								
	48·50·52				88								
	55				93								
	60				98								
	32·35				73								

Standard Bore

Model	Standard Bore d1•d2 [mm]																		
	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	52	55	60
RD2-070C	●	●	●	●	●	●	●	●	●	●									
RD2-080C				●	●	●	●	●	●	●									
RD2-090C							●	●	●	●	●	●	●	●	●				
RD2-100C									●	●	●	●	●	●	●	●	●	●	●

Order
Information

RD2 - 080C - 25 - 30

Expansion Bushing Type S:Single Diaphragm
D:Double Diaphragm