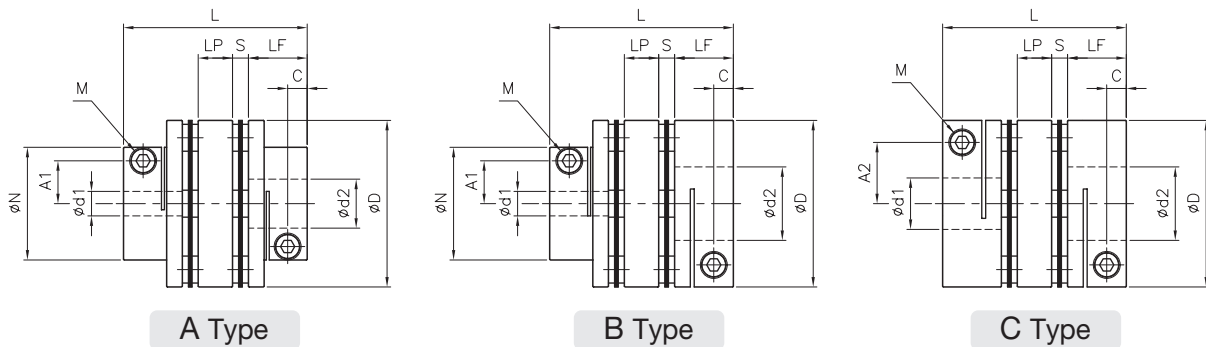


Specification and Dimension

Specification (SYC-DA)

Type	Acceptable torque (N.m)	Mounting tolerance			Revolution per minute (rpm)	Torsional stiffness (N m/rad)	Axial torsional stiffness (N/mm)	Pattern	Inertia moment (kg m ²)	Mass (g)
		Eccentricity (mm)	Deflection angle (°)	Axial displacement (mm)						
SYC-010DA	1	0.12	2	±0.2	10000	900	70	C	1.0 x 10 ⁻⁶	18
SYC-020DA	2	0.15	2	±0.3	10000	2300	32	C	3.41 x 10 ⁻⁶	35
SYC-030DA	5	0.17	2	±0.4	10000	5000	32	A	6.93 x 10 ⁻⁶	50
								B	9.1 x 10 ⁻⁶	58
								C	11.3 x 10 ⁻⁶	67
SYC-035DA	8	0.23	2	±0.5	10000	5600	50	C	30.3 x 10 ⁻⁶	140
SYC-040DA	10	0.23	2	±0.6	10000	10000	40	A	27.5 x 10 ⁻⁶	113
								B	34.6 x 10 ⁻⁶	130
								C	41.7 x 10 ⁻⁶	146
SYC-050DA	25	0.28	2	±0.8	10000	20000	24	A	86.6 x 10 ⁻⁶	222
								B	111.3 x 10 ⁻⁶	256
								C	136.1 x 10 ⁻⁶	290
SYC-060DA	60	0.35	2	±0.9	10000	29000	38.2	A	230.9 x 10 ⁻⁶	400
								B	298.9 x 10 ⁻⁶	470
								C	366.9 x 10 ⁻⁶	540
SYC-080DA	100	0.52	2	±1.1	10000	60000	55	C	1070 x 10 ⁻⁶	1080
SYC-090DA	180	0.52	2	±1.2	10000	75000	61	C	1774 x 10 ⁻⁶	1500
SYC-100DA	250	0.55	2	±1.4	10000	115000	80	C	2646 x 10 ⁻⁶	1850

Dimension (SYC-DA)



Type	D	N	L	LF	LP	S	A1	A2	C	M	Coupling torque (N.m)	Pattern	d1		d2		
													Minimum	Maximum	Minimum	Maximum	
SYC-010DA	19	-	26	9	5	1.5	-	6.5	3.3	M2.5	1.0	C	4	8	4	8	
SYC-020DA	26	-	31.5	10.5	5.5	2.5	-	9.5	3.5	M2.5	1.0	C	5	10	5	10	
SYC-030DA	34	22	37.2	12	7	3.1	8	-	4	M3	1.5	C	A	6.35	10	6.35	10
							8	12.5					B	6.35	10	10	14
							-	12.5					C	10	14	10	14
SYC-035DA	39	-	47.7	14	11	4.35	-	13.5	4.5	M4	3.4	C	8	16	8	16	
SYC-040DA	44	30	48	15	9	4.5	11	-	5	M4	3.4	C	A	9	15	9	15
							11	16					B	9	15	15	19
							-	16					C	15	19	15	19
SYC-050DA	56	38	60	20	11	4.5	14.5	-	7	M5	7.0	C	A	11	19	11	19
							14.5	21					B	11	19	19	25
							-	21					C	19	25	19	25
SYC-060DA	68	46	73	24	14	5.5	17.5	-	8	M6	14	C	A	14	24	14	20
							17.5	25					B	14	24	24	30
							-	25					C	24	30	24	30
SYC-080DA	83	-	98	30	22	8	-	28	9	M8	30	C	18	35	18	35	
SYC-090DA	94	-	98	30	22	8	-	34	9	M8	30	C	25	40	25	40	
SYC-100DA	104	-	102	30	22	10	-	39	9	M8	30	C	35	45	35	45	

※ If you need larger dimensions, please contact us.

※ The recommended tolerance of relative axes is h7.

※ The dimensions shown in the catalogue are subject to change without notice for product improvement. For any question, please contact Nara Drive.