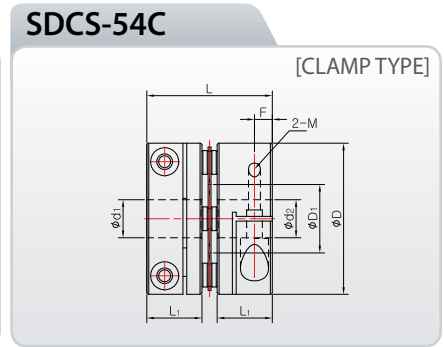
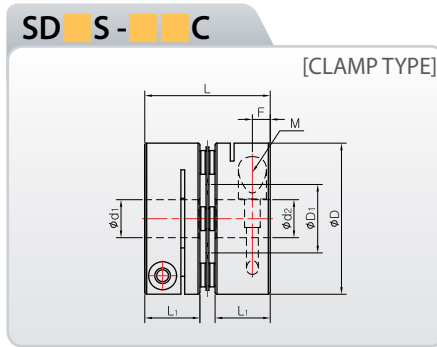
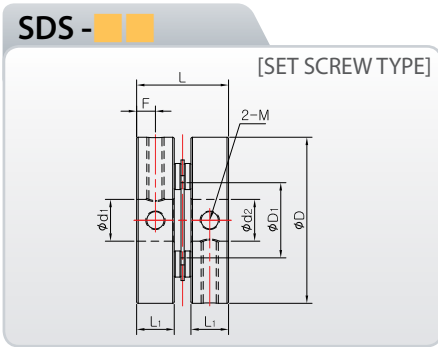


SD Series Zero Backlash Disk Coupling

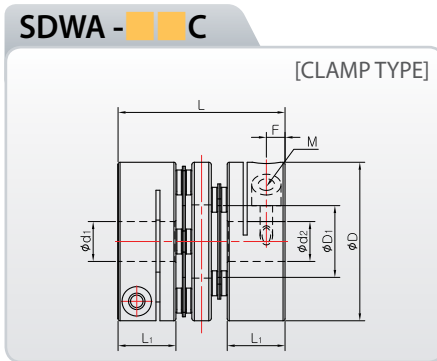
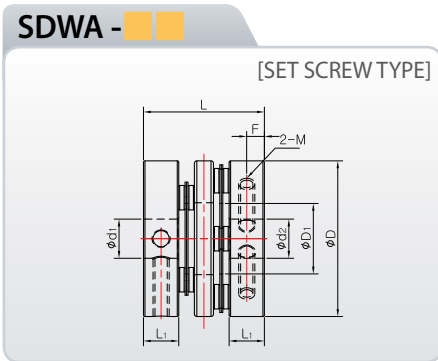
Please, download CAD DATA from www.sungilfa.com



Dimensions & Performance

Product Number	Dimension (mm) (±0.3)					Fastening Bolt M	Fastening Torque (N·m)	Max·RPM (min ⁻¹)	Max Torque (N·m)	Rated Torque (N·m)	Torsional Stiffness (N·m/rad)	Moment of Inertia (kg·m ²)	Mass (g)	Permissible Misalignment		
	D	D ₁	L	L ₁	F									Angle (°)	Parallel (mm)	End-Play (mm)
SDS-16	16	6.7	12	5.1	2.5	M2.5	0.5	16,000	1	0.5	270	1.8 × 10 ⁻⁷	5	0.5	0.02	±0.1
SDS-16C	16	6.7	17.4	7.8	2.5	M2	0.5	14,000	1	0.5	270	2.6 × 10 ⁻⁷	7	1	0.02	±0.1
SDS-19	19	8.5	14.5	6.1	3	M3	0.7	16,000	1.8	0.9	600	3.0 × 10 ⁻⁷	6	1	0.02	±0.1
SDS-19C	19	8.5	19.3	8.7	2.9	M2.6	1	14,000	1.8	0.9	600	4.0 × 10 ⁻⁷	8	1	0.02	±0.1
SDS-22	22.2	10	14.8	6.2	3	M3	0.7	12,000	2.2	1.1	600	6.9 × 10 ⁻⁷	10	1	0.02	±0.1
SDS-22C	22.2	10	19.7	8.7	2.8	M2.6	1	10,000	2.2	1.1	600	1.0 × 10 ⁻⁶	15	1	0.02	±0.1
SDS-26	26.6	12.2	17.6	7.4	3.6	M4	1.7	12,000	3	1.5	900	2.0 × 10 ⁻⁶	20	1	0.02	±0.15
SDS-26C	26.6	12.2	24.1	10.6	3.4	M3	1.7	10,000	3	1.5	900	2.4 × 10 ⁻⁶	25	1	0.02	±0.15
SDS-31	31.8	14.4	17.6	7.2	3.6	M4	1.7	10,000	6	3	1,700	4.4 × 10 ⁻⁶	30	1	0.02	±0.2
SDS-31C	31.8	14.4	26.4	11.6	3.7	M3	1.7	9,000	6	3	1,700	5.8 × 10 ⁻⁶	40	1	0.02	±0.2
SDS-35C	35	16.2	28	12.7	4.4	M4	3.5	8,500	8	4	2,000	1.0 × 10 ⁻⁵	57	1	0.02	±0.2
SDS-39C	39	17	31.3	13.7	4.3	M4	3.5	8,000	10	5	2,300	1.6 × 10 ⁻⁵	70	1	0.02	±0.25
SDCS-42C	42.5	18	31.4	13.7	4.3	M4	3.5	8,000	14	7	2,800	3.4 × 10 ⁻⁵	95	1	0.02	±0.25
SDCS-47C	47	20.4	35.6	16	5.2	M4	3.5	8,000	24	12	6,000	5.4 × 10 ⁻⁵	140	1	0.02	±0.25
SDCS-54C	54	25	42.3	19	6.3	M5	8	8,000	44	22	11,000	9.8 × 10 ⁻⁵	200	1	0.02	±0.25

* Mass and mass moment of inertia are measured with max. bore size



Dimensions & Performance

Product Number	Dimension (mm) (±0.3)					Fastening Bolt M	Fastening Torque (N·m)	Max·RPM (min ⁻¹)	Max Torque (N·m)	Rated Torque (N·m)	Torsional Stiffness (N·m/rad)	Moment of Inertia (kg·m ²)	Mass (g)	Permissible Misalignment		
	D	D ₁	L	L ₁	F									Angle (°)	Parallel (mm)	End-Play (mm)
SDWA-16	16	6.3	15.8	5.1	2.5	M2.5	0.5	16,000	1	0.5	200	2.2 × 10 ⁻⁷	6	1	0.05	±0.2
SDWB-16	16	6.3	17.8	5.1	2.5	M2.5	0.5	16,000	1	0.5	200	2.6 × 10 ⁻⁷	7	1	0.05	±0.2
SDWA-16C	16	6.3	21.2	7.8	2.5	M2	1	14,000	1	0.5	200	3.3 × 10 ⁻⁷	9	1	0.05	±0.2
SDWB-16C	16	6.3	23.2	7.8	2.5	M2	1	14,000	1	0.5	200	3.7 × 10 ⁻⁷	10	1	0.05	±0.2
SDWA-19	19	8.5	18.1	6.1	3	M3	0.7	16,000	1.8	0.9	300	5.3 × 10 ⁻⁷	10	1	0.05	±0.2
SDWB-19	19	8.5	21.1	6.1	3	M3	0.7	16,000	1.8	0.9	300	5.8 × 10 ⁻⁷	11	1	0.05	±0.2
SDWA-19C	19	8.5	23.3	8.7	2.9	M2.6	1	14,000	1.8	0.9	300	7.4 × 10 ⁻⁷	14	1	0.05	±0.2
SDWB-19C	19	8.5	26.3	8.7	2.9	M2.6	1	14,000	1.8	0.9	300	7.9 × 10 ⁻⁷	15	1	0.05	±0.2

* Mass and mass moment of inertia are measured with max. bore size