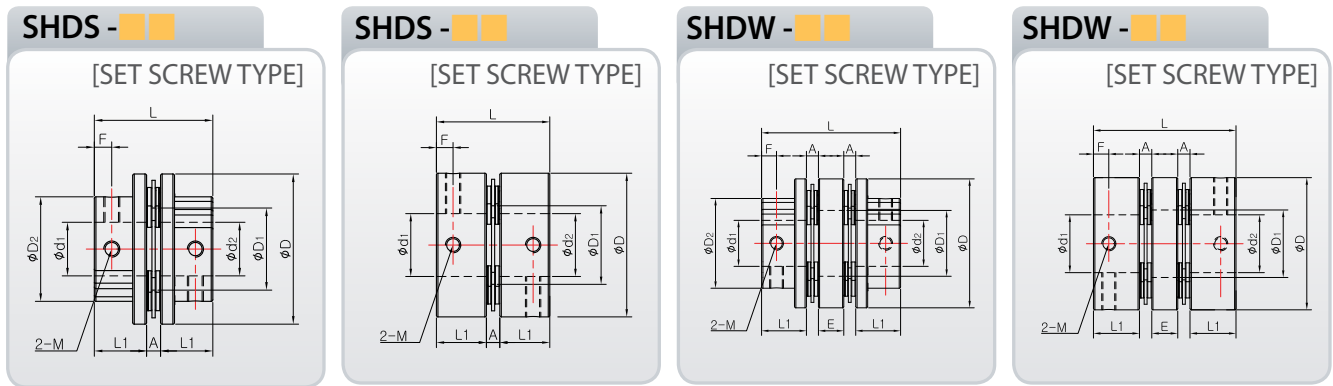


SHD Series High Torque Flexible Disk Coupling

Please, download CAD DATA from www.sungilfa.com



Dimensions & Performance

Product Number	SHDS - 56	SHDW - 56	SHDS - 66	SHDW - 66	SHDS - 88	SHDW - 88	SHDS -110	SHDW -110
ØD	56	56	66	66	88	88	108	108
ØD ₂	39	39	46	46	63	63	77	77
F	6.5	6.5	7.5	7.5	9.5	9.5	13	13
L ₁	19.5	19.5	24.5	24.5	30	30	34.5	34.5
A	5.2	5.2	7.5	7.5	9.9	9.9	8.7	8.7
L	44.2	60.4	56.5	80	69.9	99.8	77.7	111
ØD ₁	30.6	28.6	35.6	35.6	46	46	61.5	61.5
E	-	11	-	16	-	20	-	24.6
M	M6	M6	M8	M8	M8	M8	M10	M10
Wrench Torque(N·m)	7	7	15	15	15	15	30	30
Rated Torque(N·m)	35	35	60	60	180	180	280	280
Max. Torque(N·m)	70	70	120	120	360	360	560	560
Max. RPM	7,700	7,700	7,000	7,000	5,500	5,500	4,000	4,000
Moment of Inertia(Kg·m ²)	2.9 × 10 ⁻⁵	4.6 × 10 ⁻⁵	8.0 × 10 ⁻⁵	1.2 × 10 ⁻⁴	2.9 × 10 ⁻⁴	4.3 × 10 ⁻⁴	2.0 × 10 ⁻³	3.2 × 10 ⁻³
Torsional Stiffness(N·m/rad)	2.0 × 10 ⁴	1.0 × 10 ⁴	3.0 × 10 ⁴	1.5 × 10 ⁴	7.0 × 10 ⁴	3.5 × 10 ⁴	1.4 × 10 ⁵	7.0 × 10 ⁴
Mass(g)	150	240	300	440	600	900	1,190	1,750
Allowable Angular Misalignment(°)	0.7	1	0.7	1	0.7	1	0.7	1
Allowable Parallel Misalignment(±mm)	0.02	0.2	0.02	0.2	0.02	0.2	0.02	0.25
Allowable End-Play(±mm)	0.3	0.6	0.3	0.6	0.3	0.6	0.5	1

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

※ SHD □ -56 : Cylindrical shape hub from Ø22 ※ SHD □ -66 : Cylindrical shape hub from Ø26

* There is no relation between "Rated torque & max. torque" and "slip torque".

※ SHD □ -88 : Cylindrical shape hub from Ø32 ※ SHD □ -110 : Cylindrical shape hub from Ø48

Product Number	Single Disk Type			
SHDS				
	SHDS-□□	SHDS-□□	SHDS-□□C	SHDS-□□T
Product Number	Double Disk Type			
SHDS				
	SHDW-□□	SHDW-□□	SHDW-□□C	SHDW-□□T