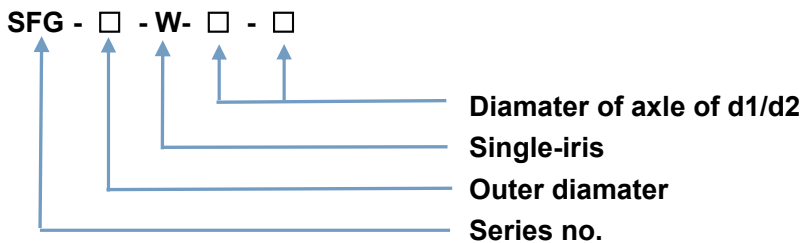


## SFG-W Couplings



### Type Remarks:



### 1. Aluminium flexible coupling introduction:

Aluminium flexible couplings are offered in the industry's largest variety of stock bore/keyway combinations. These couplings require no lubrication and provide highly reliable service for light, medium, and heavy duty electrical motor and internal combustion power transmission applications. Applications include power transmission to industrial equipment such as pumps, gear boxes, compressors, blowers, mixers, and conveyors.

### 2. Our aluminium flexible coupling details are as follow:

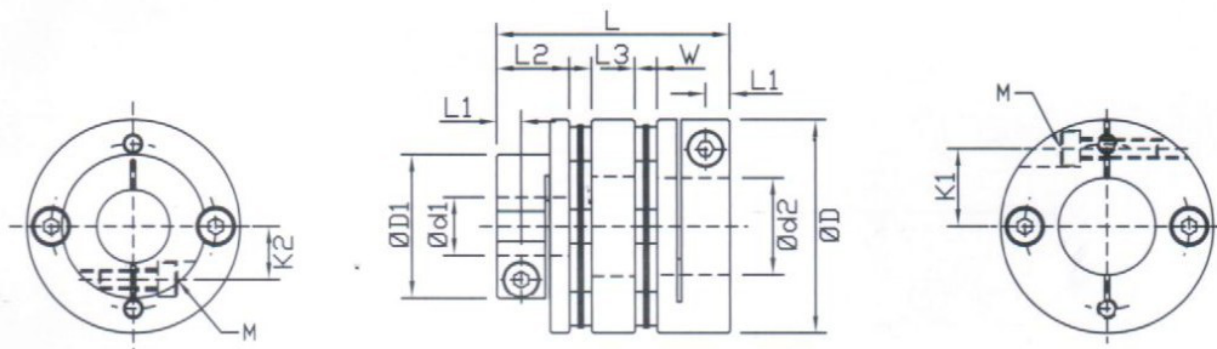
1. Material: Aluminium alloy or steel, TPU, NBR rubber etc.
2. Elastic Spider: Three type of Elastic Spider can be choosed 86SH. A 92SH. A 98SH. A
3. Surface treatment: black finished / Anodizing.
4. High sensitivity High torque rigid Zero back lash.
5. Type of shaft lock: Setscrew or Clamp type.
6. Rotation character of clockwise or anti-clockwise are exactly the same.
7. Coupling assembled by pressing a polyurethane sleeve into hubs on both sides.

### 3. Our Features:

1. Zero backlash.
2. Small volume and large transmitted torque.
3. Free maintenance, oil-resist and anti-corrosiveness.
4. Easy pulling out and install.
5. Stock to ensure a prompt delivery within one week.
6. High-performance with competitive prices.

**4: Coupling sizes:**

Model	d1		d2		D	D1	L	L1	L2	L3	W	K1	K2	M	Tightening torque [N.m]
	Min	Max	Min	Max											
SFG-34W	5	10	5	15	34	21.6	38.2	4	12	7.5	3.35	12.5	8.0	M3	1.5
SFG-39W	6	12	8	16	39	24.6	47.7	5	15	9.0	4.35	13.5	8.5	M4	3.4
SFG-44W	8	16	8	20	44	29.6	48.2	5	15	9.0	4.60	16.0	11.0	M4	3.4
SFG-56W	10	20	12	25	56	38	62.5	6.6	20	12.0	5.25	21.0	14.5	M5	7.0
SFG-68W	12	25	14	30	68	46	73.6	7.6	24	14	5.80	25.0	17.5	M6	14.0
SFG-82W	14	30	24	40	82	56	98	9.3	30	22.0	8.00	28.0	20.0	M8	30.0



**5: Technical date:**

Model	Rated torque		Maximum Speed [r/min]	Inertia moment [kg-m <sup>2</sup> ]	Static torque rigidity [N.m/rad]	Maximum allowed deviation			Weight [g]
	Nominal [N.m]	Max [N.m]				Radial direction [mm]	Angle [.]	Axial [mm]	
SFG-34W	4	8	10000	$8.92 \times 10^{-6}$	1700	0.18	1(unilateral)	±0.36	57
SFG-39W	6	12	10000	$2.13 \times 10^{-5}$	2500	0.22	1(unilateral)	±0.50	103
SFG-44W	10	20	10000	$3.60 \times 10^{-5}$	3000	0.24	1(unilateral)	±0.60	124
SFG-56W	25	50	10000	$1.60 \times 10^{-4}$	8500	0.28	1(unilateral)	±0.80	269
SFG-68W	60	120	10000	$3.10 \times 10^{-4}$	12000	0.32	1(unilateral)	±0.90	471
SFG-82W	100	200	10000	$8.77 \times 10^{-4}$	15000	0.52	1(unilateral)	±1.00	875