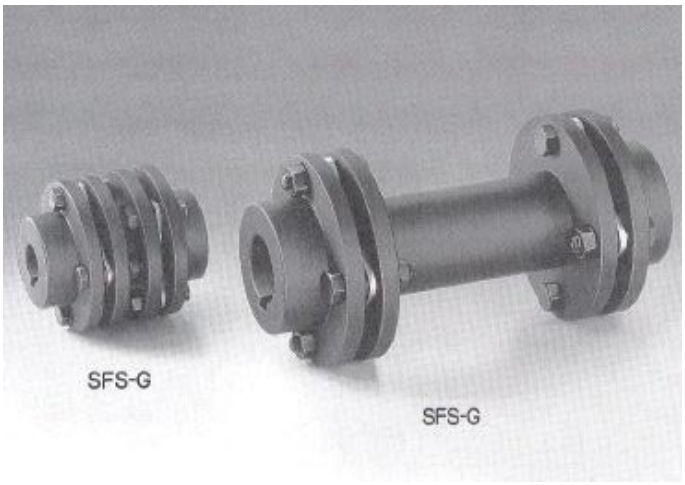
S F S－G　SERVOFLEX (Available by special order)



- **Intermediate bearing not required**
  Two elements support the spacer flange and it can be used as a floating shaft.
- **Easy equipment maintenance**
  Extremely easy equipment maintenance by spacer-frange drop-out and flange hub dismounting without moving the driving or driven equipment. Reassembling work can be reduced drastically.

Specification

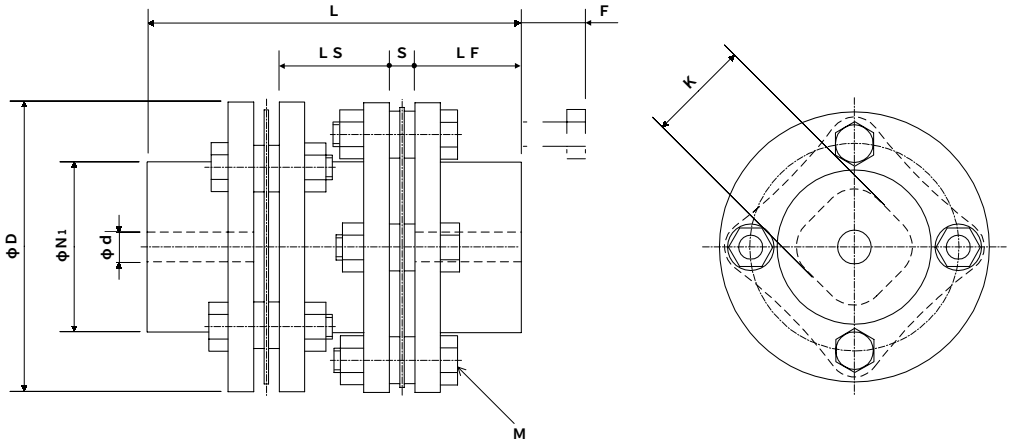
Model		SFS-05G	SFS-06G	SFS-08G	SFS-09G	SFS-10G	SFS-12G	SFS-14G
Permissible Torque	(N·m)	20	40	80	180	250	450	800
Maximum Speed	(r/min)	20000	16000	13000	12000	10000	8000	7000
Torsional Spring Constant	(N·m/rad)	8×10^3	14×10^3	41×10^3	85×10^3	125×10^3	215×10^3	390×10^3
Axial Spring Constant	(N/mm)	21	22	30	61	80	98	156
※ Inertia	($kg\cdot m^2$)	0.20×10^{-3}	0.55×10^{-3}	1.5×10^{-3}	2.9×10^{-3}	4.6×10^{-3}	11.8×10^{-3}	21.2×10^{-3}
Maximum Permissible misalignment	Parallel offset (mm)	±0.5	±0.5	±0.5	±0.6	±0.6	±0.8	±0.9
	Angular misalignment (°)	1(One side)	1(One side)	1(One side)	1(One side)	1(One side)	1(One side)	1(One side)
	Axial Displacement (mm)	±1.2	±1.6	±2.0	±2.4	±2.8	±3.2	±3.6
※ Mass	(g)	0.5	0.9	1.7	2.4	3.3	5.8	8.6

• Values marked ※ are those when bore diameter is maximum.

■ Ordering Information : Specify

S F S－ ☐ G

Design Types and Dimensions



Model		SFS-05G	SFS-06G	SFS-08G	SFS-09G	SFS-10G	SFS-12G	SFS-14G
d	Pilot Bore	7	7	12	12	20	20	20
	Min	8	8	14	14	22	22	22
	Max	20	25	35	38	42	50	60
D		56	68	82	94	104	126	144
N		32	40	54	58	68	78	88
L		74	86	98	106	120	140	160
LF		20	25	30	30	35	40	45
LS		24	24	26	30	30	38	46
S		5	6	6	8	10	11	12
F		11	10	11	21	16	23	31
K		24	30	38	42	48	54	61
M		8-M5×22	8-M6×25	8-M6×29	8-M8×36	8-M8×36	8-M10×45	8-M12×54

- Specify the required LS dimensions when requiring products other than the above LS dimensions, such as SFS-10G LS=500. Contact Miki Pulley or its agent in your country if LS≧1000.
- Prepared bores are drilled bores.
- Couplings with a built-in shaft fixing mechanism can be supplied upon request.