

COUPLINGS

ETP BUSHINGS

ELECTROMAGNETIC CLUTCHES & BRAKES

SPEED CHANGERS & REDUCERS

INVERTERS

LINEAR SHAFT DRIVES

TORQUE LIMITERS

ROSTA

SERIES

- Metal Disc Couplings **SERVOFLEX**
- High-rigidity Couplings **SERVORIGID**
- Metal Slit Couplings **HELI-CAL**
- Metal Coil Spring Couplings **BAUMANNFLEX**
- Pin Bushing Couplings **PARAFLEX**
- Link Couplings **SCHMIDT**
- Dual Rubber Couplings **STEPFLEX**
- Jaw Couplings **MIKI PULLEY STARFLEX**
- Jaw Couplings **SPRFLEX**
- Plastic Bellows Couplings **BELLOWFLEX**
- Rubber and Plastic Couplings **CENTAFLEX**

MODELS

ZG

LM

MM

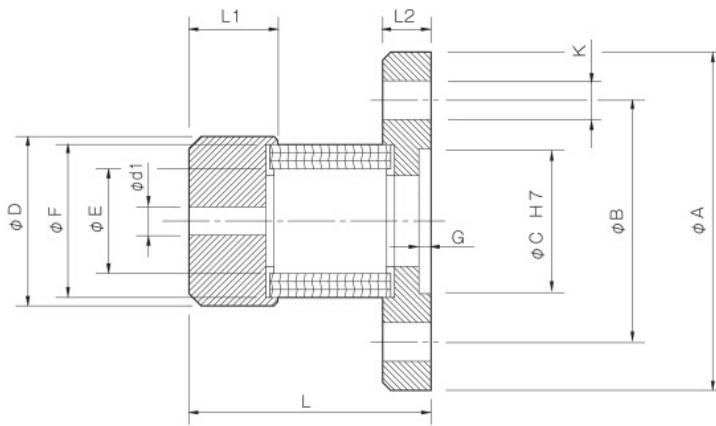
MF

## Specifications

Model	Torque		Misalignment			Max. rotation speed [min <sup>-1</sup> ]	Torsional stiffness [N-m/rad]	Moment of inertia [kg-m <sup>2</sup> ]	Mass [kg]
	Nominal [N-m]	Max. [N-m]	Parallel [mm]	Angular [°]	Axial [mm]				
MF-8K	5	10	0.3	3	+ 0.8	15000	286.5	1.66 × 10 <sup>-5</sup>	0.1
MF-12K	10	20	0.4	3	+ 1.0	12000	573	3.32 × 10 <sup>-5</sup>	0.16
MF-16K	20	40	0.6	3	+ 1.2	9000	1146	9.18 × 10 <sup>-5</sup>	0.31
MF-20K	40	80	0.7	3	+ 1.6	7000	2292	2.12 × 10 <sup>-4</sup>	0.5
MF-25K	90	180	0.9	3	+ 2.0	6000	3438	5.33 × 10 <sup>-4</sup>	0.9
MF-30K	150	300	1.1	3	+ 2.5	5000	4297.5	1.35 × 10 <sup>-3</sup>	1.7
MF-35K	220	440	1.2	3	+ 3.2	4500	6303	2.86 × 10 <sup>-3</sup>	2.8

\* Max. rotation speed does not take into account dynamic balance.  
 \* The moment of inertia and mass are measured for the maximum bore diameter.

## Dimensions



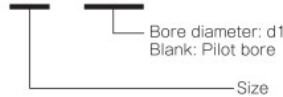
Model	d1			D	L	L1	L2	A	B	C	E	F	G	K
	Pilot bore	Min.	Max.											
MF-8K	3.5	4	8	21	30	11	6	42	30	18	13	19	1.5	3-φ 4.8
MF-12K	5.5	6	12	26	40	16.5	6	48	37	22	16.5	24	1.5	3-φ 4.8
MF-16K	5.5	10	16	35	50	22	6.5	58	47	30	22.4	32	1.5	4-φ 4.8
MF-20K	5.5	12	20	45	60	27	7	65	52	35	28	40	1.5	4-φ 4.8
MF-25K	5.5	14	25	55	75	33.5	8.5	75	62	42	35	50	1.5	6-φ 5.8
MF-30K	5.5	16	30	65	95	40	10	90	74.5	47	40.8	60	2.5	4-φ 7.0
MF-35K	5.5	20	35	75	115	48	13	100	84	57	46	70	2.5	6-φ 7.0

Unit [mm]

\* Pilot bores are to be drilled into the part.

### How to Place an Order

**MF-16K 12H**



Bore specifications  
 Blank : Compliant with the old JIS standards (class 2) E9  
 H: Compliant with JIS standards H9  
 J: Compliant with JIS standards JS9  
 N: Compliant with motor standards