MM Models

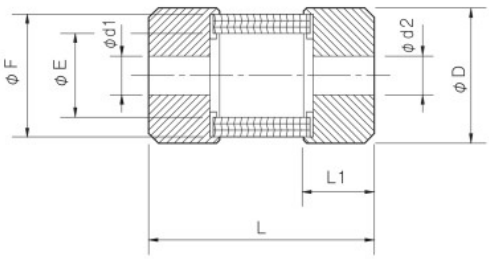
Specifications

Model	Torque		Misalignment			Max. rotation speed [min^{-1}]	Torsional stiffness [N·m/rad]	Moment of inertia [$kg·m^2$]	Mass [kg]
	Nominal [N·m]	Max. [N·m]	Parallel [mm]	Angular [°]	Axial [mm]				
MM-6K	2.5	5	0.3	3	±0.6	20000	143	7.65×10^{-7}	0.03
MM-8K	5	10	0.3	3	±0.8	15000	286.5	4.08×10^{-6}	0.07
MM-12K	10	20	0.4	3	±1.0	12000	573	1.43×10^{-5}	0.14
MM-14K	10	20	0.5	3	±1.0	10000	573	2.47×10^{-5}	0.15
MM-16K	20	40	0.6	3	±1.2	9000	1146	6.12×10^{-5}	0.30
MM-19K	20	40	0.7	3	±1.2	8000	1146	8.42×10^{-5}	0.32
MM-20K	40	80	0.7	3	±1.6	7000	2292	1.99×10^{-4}	0.70
MM-24K	40	80	0.9	3	±1.6	7000	2292	2.63×10^{-4}	0.75
MM-25K	90	180	0.9	3	±2.0	6000	3438	5.66×10^{-4}	1.25
MM-28K	90	180	1.0	3	±2.0	6000	2865	5.77×10^{-4}	1.35
MM-30K	150	300	1.1	3	±2.5	5000	4297.5	1.39×10^{-3}	2.10
MM-35K	220	440	1.2	3	±3.2	4500	6303	3.01×10^{-3}	3.50

Model	Torque		Misalignment			Max. rotation speed [min^{-1}]	Torsional stiffness [N·m/rad]	Moment of inertia [$kg·m^2$]	Mass [kg]
	Nominal [N·m]	Max. [N·m]	Parallel [mm]	Angular [°]	Axial [mm]				
MM-6K-S	2.5	5	0.3	3	±0.6	20000	143	7.65×10^{-7}	0.03
MM-8K-S	5	10	0.3	3	±0.8	15000	286.5	4.08×10^{-6}	0.07
MM-12K-S	10	20	0.4	3	±1.0	12000	573	1.43×10^{-5}	0.14
MM-16K-S	20	40	0.6	3	±1.2	9000	1146	6.12×10^{-5}	0.30
MM-20K-S	40	80	0.7	3	±1.6	7000	2292	1.99×10^{-4}	0.70
MM-25K-S	90	180	0.9	3	±2.0	6000	3438	5.66×10^{-4}	1.25

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

Dimensions



CAD

Unit [mm]

Model	d1・d2			D	L	L1	E	F
	Pilot bore	Min.	Max.					
MM-6K	2.5	3	8	16	20	6	11	15.5
MM-8K	3.5	4	8	21	35	11	13	19
MM-12K	5.5	6	12	26	50	16.5	16.5	24
MM-14K	5.5	7	14	30	50	16.5	20.5	28
MM-16K	5.5	10	16	35	65	22	22.4	32
MM-19K	5.5	10	19	38	65	22	26.4	36
MM-20K	5.5	10	20	45	80	27	28	40
MM-24K	5.5	14	24	48	80	27	33	45
MM-25K	5.5	14	25	55	100	33.5	35	50
MM-28K	5.5	14	28	55	100	33.5	37	52
MM-30K	5.5	16	30	65	125	40	40.8	60
MM-35K	5.5	20	35	75	150	48	46	70

Model	d1・d2			D	L	L1	E	F
	Pilot bore	Min.	Max.					
MM-6K-S	2.5	3	8	17	25	9	11	15.5
MM-8K-S	3.5	4	8	21	35	11	13	19
MM-12K-S	5.5	6	12	26	50	16.5	16.5	24
MM-16K-S	5.5	10	16	35	65	22	22.4	32
MM-20K-S	5.5	10	20	45	80	27	28	40
MM-25K-S	5.5	14	25	55	100	33.5	35	50

* Pilot bores are to be drilled into the part.

How to Place an Order

MM-16K-S 12H-14N

- Size: 16K
- Materials: S
  - Blank: Carbon steel and spring steel
  - -S : Stainless steel
- Bore diameter: d1 (Small diameter) - d2 (Large diameter)
  - Blank: Pilot bore
- 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