

MF11

MF11 - Semi-enclosed screw-driven linear module

MF series

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PERFORMANCE BY BALL-SCREW LEAD

Table condition: 200 W output

Ball-screw lead (mm)	Maximum speed (mm/s)	Horizontal load (kg)	Vertical load (kg)	Rated thrust (N)
5	250	65	15	694
10	500	40	10	347
16	800	26	6	217
20	1000	20	4	173

Other listed motor options are not covered by this table. For strokes over 650 mm reduce speed.

TECHNICAL DETAILS

Repeatability grade

C: ± 0.01 mm
P: ± 0.008 mm

Ball-screw specification / diameter

16 mm

Coupling dimensions

10x14/11 mm

Overhang MP

175 Nm

Overhang MY

174 Nm

Stroke increment

50 mm

Stroke range

100-1050 mm

Motor power

200/400 W

Linear guide

15x12.5 mm

Overhang MR

153 Nm

Sensor model (Outside)

EE-SX672