

MF7

Semi-enclosed screw-driven linear module HTMF7

MF series



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PERFORMANCE BY BALL-SCREW LEAD

Table condition: 100 W output | 3,000 rpm

Ball-screw lead (mm)	Maximum speed (mm/s)	Horizontal load (kg)	Vertical load (kg)	Rated thrust (N)
4	200	38	15	425
5	250	30	12	340
10	500	20	9	170

For strokes over 550 mm reduce speed.

TECHNICAL DETAILS

Repeatability grade

C: ±0.01 mm
P: ±0.008 mm

Ball-screw specification / diameter

12 mm

Overhang MP

80 Nm

Overhang MY

70 Nm

Stroke range

50-800 mm

Linear guide

9 x 6.5, 2 pcs

Overhang MR

65 Nm

Stroke increment

50 mm