

MF17

Semi-enclosed screw-driven linear module HTMF17

MF series

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PERFORMANCE BY BALL-SCREW LEAD

Table condition: 750 W output | 3,000 rpm

Ball-screw lead (mm)	Maximum speed (mm/s)	Horizontal load (kg)	Vertical load (kg)	Rated thrust (N)
5	250	165	60	2550
10	500	120	33	1275
25	1250	98	17	510

Above 800 mm stroke, reduce speed to limit ball-screw vibration.

TECHNICAL DETAILS

Repeatability grade

C: ± 0.01 mm
P: ± 0.008 mm

Ball screw diameter

25 mm

Overhang MP

785 Nm

Overhang MY

785 Nm

Stroke range

100-2000 mm

Linear guide

15 x 15, 2 pcs

Overhang MR

589 Nm

Stroke increment

50 mm