

MF14T

Semi-enclosed screw-driven linear module HTMF14T

MF series



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PERFORMANCE BY BALL-SCREW LEAD

Table condition: 400 W output | 3,000 rpm

Ball-screw lead (mm)	Maximum speed (mm/s)	Horizontal load (kg)	Vertical load (kg)	Rated thrust (N)
5	250	113	30	1360
10	500	90	15	680
16	800	60	11	425

Other listed motor options are not covered by this table. For strokes over 700 mm reduce speed.

TECHNICAL DETAILS

Repeatability grade

C: ± 0.01 mm
P: ± 0.008 mm

Ball-screw specification / diameter

16 mm

Linear guide

15 x 12.5, 2 pcs

Overhang MR

189 Nm

Stroke increment

50 mm

Stroke range

100-1000 mm

Motor power

200/400 W

Overhang MP

112 Nm

Overhang MY

112 Nm