

MF14S

Semi-enclosed screw-driven linear module HTMF14S

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	70	17	1360
10	500	47	12	680
20	1000	24	6	340

Other listed motor options are not covered by this table. For strokes over 750 mm reduce speed.

TECHNICAL DETAILS

Repeatability grade

C: ± 0.01 mm
P: ± 0.008 mm

Ball-screw specification / diameter

20 mm

Linear guide

15 x 12.5, 2 pcs

Overhang MR

153 Nm

Stroke increment

50 mm

Stroke range

100-2000 mm

Motor power

200/400 W

Overhang MP

175 Nm

Overhang MY

174 Nm