

# MF135S

## Semi-enclosed screw-driven linear module HTMF135S

MF series

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### PERFORMANCE BY BALL-SCREW LEAD

Table condition: 400 W output

| Ball-screw lead (mm) | Maximum speed (mm/s) | Horizontal load (kg) | Vertical load (kg) | Rated thrust (N) |
|----------------------|----------------------|----------------------|--------------------|------------------|
| 5                    | 250                  | 70                   | 17                 | 1388             |
| 10                   | 500                  | 47                   | 12                 | 694              |
| 16                   | 800                  | 30                   | 6                  | 433              |
| 20                   | 1000                 | 24                   | 4                  | 347              |

No stroke-dependent speed reduction is listed.

### TECHNICAL DETAILS

#### Repeatability grade

**C:  $\pm 0.01$  mm**  
**P:  $\pm 0.008$  mm**

#### Ball screw diameter

**16 mm**

#### Linear guide

**15x12.5 mm**

#### Overhang MR

**153 Nm**

#### Sensor model (Inside)

**EE-SX674**

#### Stroke increment

**50 mm**

#### Stroke range

**100-1050 mm**

#### Coupling dimensions

**14x10 mm**

#### Overhang MP

**175 Nm**

#### Overhang MY

**174 Nm**

#### Sensor model (Outside)

**EE-SX672**