

MF22

Semi-enclosed screw-driven linear module HTMF22

MF series

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PERFORMANCE BY BALL-SCREW LEAD

Table condition: 3,000 rpm

Ball-screw lead (mm)	Maximum speed (mm/s)	Horizontal load (kg)	Vertical load (kg)	Rated thrust (N)
5	250	195	95	3196
10	500	180	80	1598
20	1000	130	40	799
32	1600	98	25	499

Reduce speed when travel exceeds 900 mm.

TECHNICAL DETAILS

Repeatability grade

C: ± 0.01 mm

P: ± 0.008 mm

Maximum stroke

2000 mm

Stroke interval

50 mm

Motor power

1000 W

Minimum stroke

100 mm

MODEL-SPECIFIC TABLE

MF22 | Stroke, overall length and mass

Condition: Motor position B (lower)

Stroke S (mm)	Overall length L (mm)	Catalogue mass (kg)
100	550	25.5
150	600	26.5
200	650	27.5
250	700	28.5
300	750	29.5
350	800	30.5
400	850	31.5
450	900	32.5
500	950	33.5
550	1000	34.5
600	1050	35.5
650	1100	36.5
700	1150	37.5
750	1200	38.5
800	1250	39.5
850	1300	40.5
900	1350	41.5
950	1400	42.5
1000	1450	43.5
1050	1500	44.5
1200	1650	47.5
1400	1850	51.5
1600	2050	55.5
1800	2250	59.5
2000	2450	63.5

Overall length L = S + 450 mm.