

MC22

Sealed ball screw linear module for cleanroom applications.

MC series

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PERFORMANCE BY BALL-SCREW LEAD

Table condition: 1000 W output | 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

Above 900 mm stroke, reduce speed. The performance table applies to the 1,000 W option; it does not give ratings for the 750 W option.

TECHNICAL DETAILS

Repeatability grade
C: ±0.01 mm
P: ±0.008 mm

Ball screw diameter
32 mm

Guide count
2

Ordering power options
750 W / 1000 W

Allowable overhang moment MR
1810 Nm

Stroke interval
50 mm

Movement distance
100-2000 mm

Body width
220 mm

Linear guide
23 x 22 mm

Allowable overhang moment MP
2052 Nm

Allowable overhang moment MY
2052 Nm