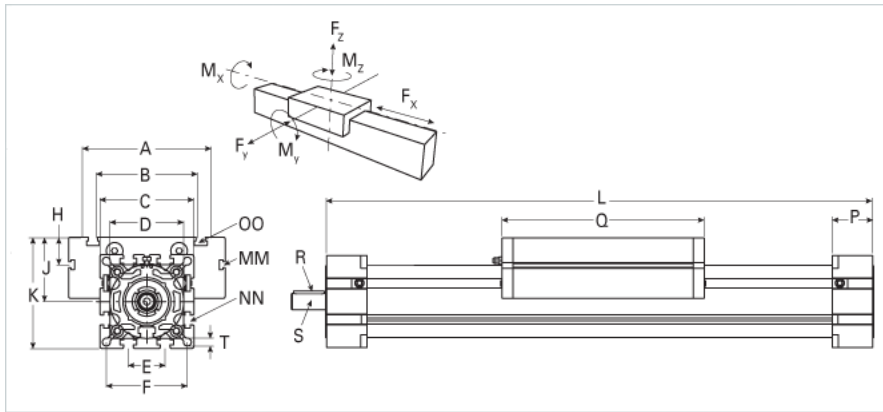
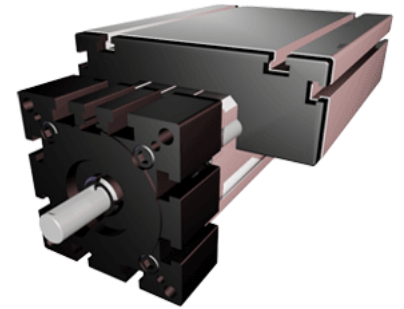


## ELK 125

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### Details

Size	125
Screw Options	40x10/40x20/40x40
Screw Type	Ball Screw

### Dimensions

Basic Length L [mm]	510
A [mm]	295
B [mm]	200
C [mm]	165
D [mm]	130x1
E [mm]	60
F [mm]	142
G [mm]	-
H [mm]	30
J [mm]	107.5
K [mm]	190
MM	M10
NN	M12
OO	M12
P [mm]	65
Q [mm]	365
R [mm]	8x7x50
S Diameter x Length [mm]	25x55
T-Diameter [mm]	13.0

### Forces and Torques

Fx dynamic [N]	12000
Fy dynamic [N]	9000
Fz dynamic [N]	45000
Mx dynamic [Nm]	450
My dynamic [Nm]	600
Mz dynamic [Nm]	1150
Fx static [N]	15000
Fy static [N]	12000
Fz static [N]	6000
Mx static [Nm]	600
My static [Nm]	750
Mz static [Nm]	1350

### Geometrical moments of inertia of aluminum profile

Elastic modulus [N/mm <sup>2</sup> ]	70000
Ix [mm <sup>4</sup> ]	10150000
Iy [mm <sup>4</sup> ]	10150000

### Weight

Additional Weight per 100 mm [kg]	2.89
Basic Weight [kg]	33.0