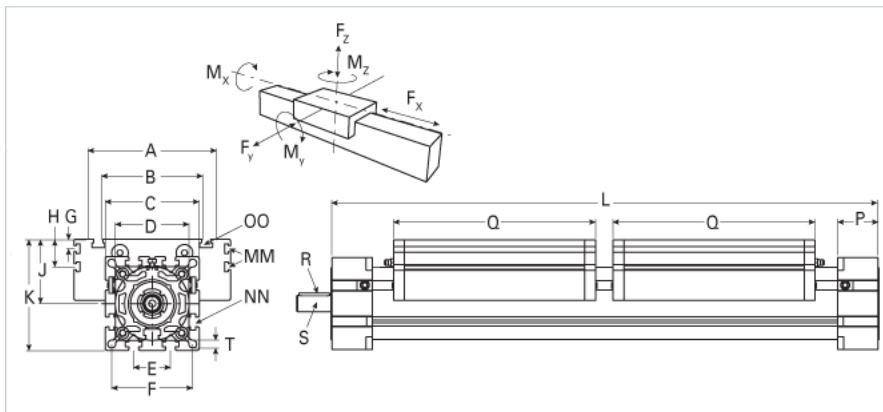
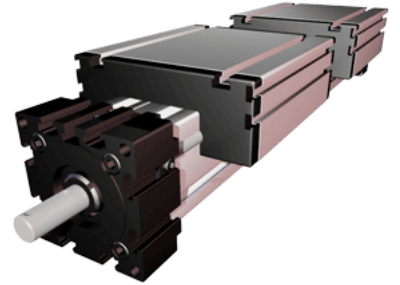


## ELK 80 Dual Carriage

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### Details

Size	80
Screw Options	32x5/25x25/32x10
Screw Type	Ball Screw

### Dimensions

Basic Length L [mm]	480
A [mm]	170
B [mm]	117
C [mm]	102
D [mm]	80x1
E [mm]	40
F [mm]	88
G [mm]	10
H [mm]	30
J [mm]	70
K [mm]	121
MM	M6
NN	M10
OO	M10
P [mm]	45
Q [mm]	194
R [mm]	6x6x40
S Diameter x Length [mm]	18 x 45
T-Diameter [mm]	8.9

### Forces and Torques

No-load torque [Nm]	0.8
Fx dynamic [N]	4000
Fy dynamic [N]	2000
Fz dynamic [N]	1100
Mx dynamic [Nm]	55
My dynamic [Nm]	80
Mz dynamic [Nm]	120
Fx static [N]	5000
Fy static [N]	3000
Fz static [N]	1700
Mx static [Nm]	90
My static [Nm]	110
Mz static [Nm]	150

### Geometrical moments of inertia of aluminum profile

Elastic modulus [N/mm <sup>2</sup> ]	70000
Ix [mm <sup>4</sup> ]	1899000
Iy [mm <sup>4</sup> ]	1897000

### Weight

Additional Weight per 100 mm [kg]	1.48
Basic Weight [kg]	15.0