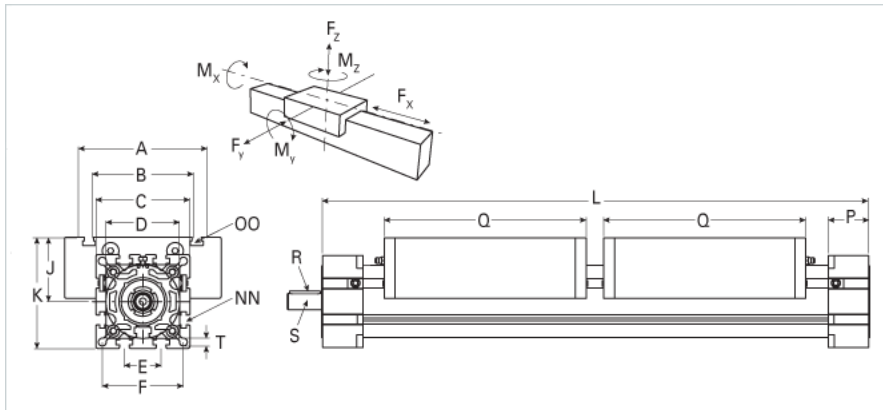
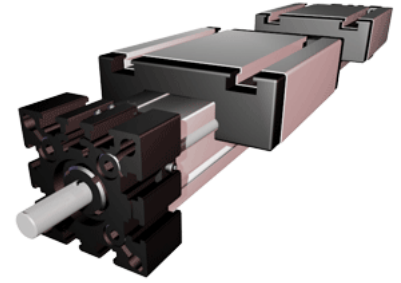


## ELK 40 Dual Carriage

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### Details

Size	40
Screw Options	16x5/16x10/16x16
Screw Type	Ball Screw

### Dimensions

Basic Length L [mm]	300
A [mm]	100
B [mm]	66
C [mm]	58
D [mm]	48x1
E [mm]	18
F [mm]	47
G [mm]	-
H [mm]	-
J [mm]	35
K [mm]	64
MM	-
NN	M6
OO	M6
P [mm]	25
Q [mm]	122
R [mm]	3x3x25
S Diameter x Length [mm]	10 x 27
T-Diameter [mm]	6.5

### Forces and Torques

No-load torque [Nm]	0.4
Fx dynamic [N]	1200
Fy dynamic [N]	700
Fz dynamic [N]	650
Mx dynamic [Nm]	20
My dynamic [Nm]	18
Mz dynamic [Nm]	25
Fx static [N]	1500
Fy static [N]	1200
Fz static [N]	900
Mx static [Nm]	25
My static [Nm]	32
Mz static [Nm]	35

### Geometrical moments of inertia of aluminum profile

Elastic modulus [N/mm <sup>2</sup> ]	70000
Ix [mm <sup>4</sup> ]	132000
Iy [mm <sup>4</sup> ]	134000

### Weight

Additional Weight per 100 mm [kg]	0.37
Basic Weight [kg]	2.5