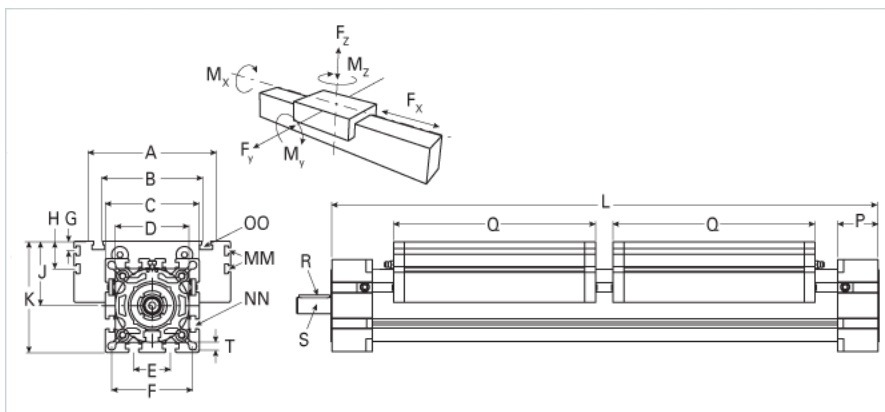
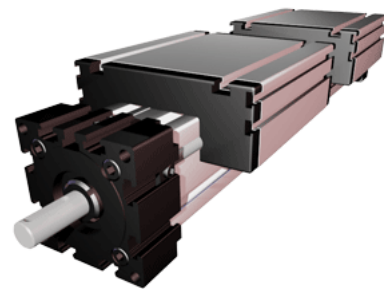


ELT 80 Dual Carriage

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Details	
Size	80
Screw Options	28x5/28x10
Screw Type	Trapezoidal
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]	8.5
Forces and Torques	
No-load torque [Nm]	0.8
F _x dynamic [N]	4000
F _y dynamic [N]	2000
F _z dynamic [N]	1100
M _x dynamic [Nm]	55
M _y dynamic [Nm]	80
M _z dynamic [Nm]	120
F _x static [N]	5000
F _y static [N]	3000
F _z static [N]	1700
M _x static [Nm]	90
M _y static [Nm]	110
M _z static [Nm]	150
Geometrical moments of inertia of aluminum profile	
Elastic modulus [N/mm ²]	70000
I _x [mm ⁴]	1899000
I _y [mm ⁴]	1897000
Weight	
Additional Weight per 100 mm [kg]	1.48
Basic Weight [kg]	15.0