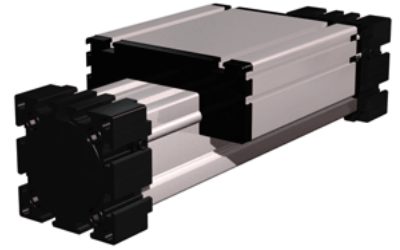
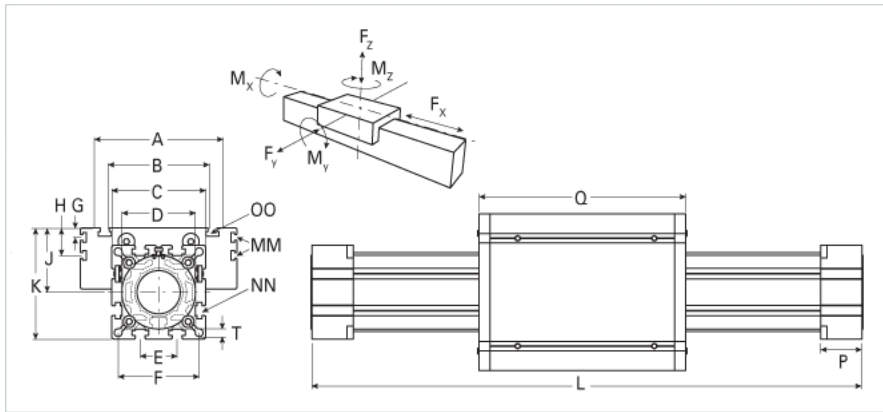


## ELR 80

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<b>Details</b>	
Size	80
<b>Dimensions</b>	
Basic Length L [mm]	285
A [mm]	170
B [mm]	117
C [mm]	102
D [mm]	80x1
E [mm]	40
F [mm]	88
G [mm]	10
H [mm]	30
K [mm]	121
MM	M6
NN	M10
OO	M10
P [mm]	45
Q [mm]	194
T-Diameter [mm]	8.5
<b>Forces and Torques</b>	
Fx dynamic [N]	-
Fy dynamic [N]	2000
Fz dynamic [N]	1100
Mx dynamic [Nm]	55
My dynamic [Nm]	80
Mz dynamic [Nm]	120
Fx static [N]	-
Fy static [N]	3000
Fz static [N]	1700
Mx static [Nm]	90
My static [Nm]	110
Mz static [Nm]	150
No-load torque Maximum [m/s]	6
<b>Geometrical moments of inertia of aluminum profile</b>	
Elastic modulus [N/mm <sup>2</sup> ]	70000
Ix [mm <sup>4</sup> ]	1899000
Iy [mm <sup>4</sup> ]	1897000
<b>Weight</b>	
Additional Weight per 100 mm [kg]	0.90
Basic Weight [kg]	5.3