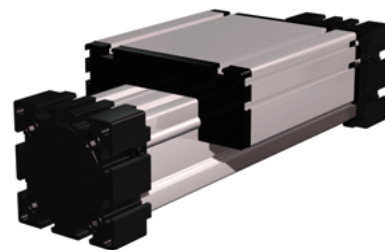
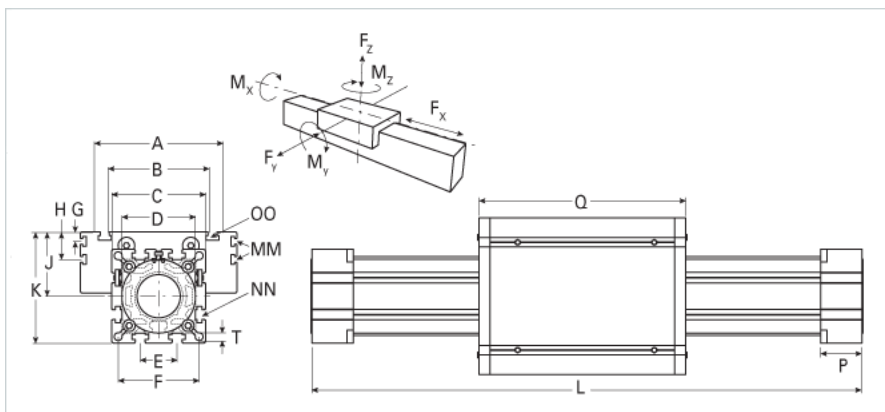


ELR 80 S

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Details	
Size	80S
Dimensions	
Basic Length L [mm]	305
A [mm]	190
B [mm]	126
C [mm]	102
D [mm]	80x1
E [mm]	40
F [mm]	88
G [mm]	12.5
H [mm]	30
K [mm]	122
MM	M6
NN	M10
OO	M8
P [mm]	45
Q [mm]	214
T-Diameter [mm]	8.5
Forces and Torques	
F _x dynamic [N]	-
F _y dynamic [N]	2600
F _z dynamic [N]	1800
M _x dynamic [Nm]	140
M _y dynamic [Nm]	230
M _z dynamic [Nm]	220
F _x static [N]	-
F _y static [N]	4600
F _z static [N]	3000
M _x static [Nm]	170
M _y static [Nm]	270
M _z static [Nm]	300
No-load torque Maximum [m/s]	8
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]	0.90
Basic Weight [kg]	6.3