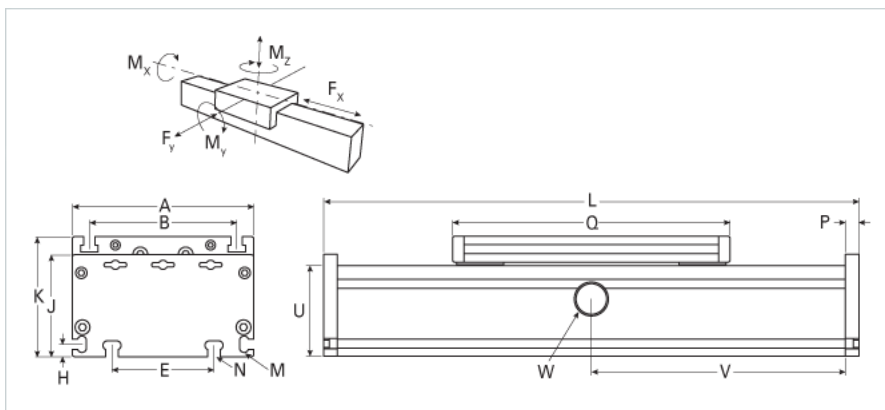


DLR 120 Extended Carriage

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Details	
Size	120
Dimensions	
Basic Length L [mm]	240
A [mm]	120
B [mm]	96
E [mm]	78
H [mm]	10
J [mm]	68
K [mm]	79
M	M5
N	M6
O	M6
P [mm]	10
Q [mm]	196
U [mm]	60
Speed	
Speed Maximum [m/s]	4
Forces and Torques	
Fx dynamic [N]	-
Fy dynamic [N]	900
Fz dynamic [N]	1000
Mx dynamic [Nm]	125
My dynamic [Nm]	120
Mz dynamic [Nm]	90
Fx static [N]	-
Fy static [N]	1100
Fz static [N]	1250
Mx static [Nm]	150
My static [Nm]	140
Mz static [Nm]	100
Geometrical moments of inertia of aluminum profile	
Elastic modulus [N/mm ²]	70000
Ix [mm ⁴]	660000
Iy [mm ⁴]	3860000
Weight	
Additional Weight per 100 mm [kg] {.00}	0.71
Basic Weight [kg]	3.2