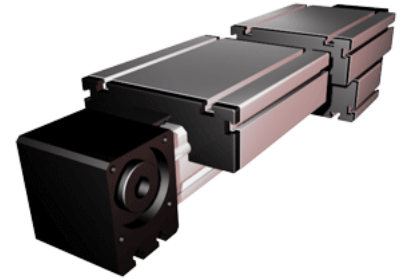
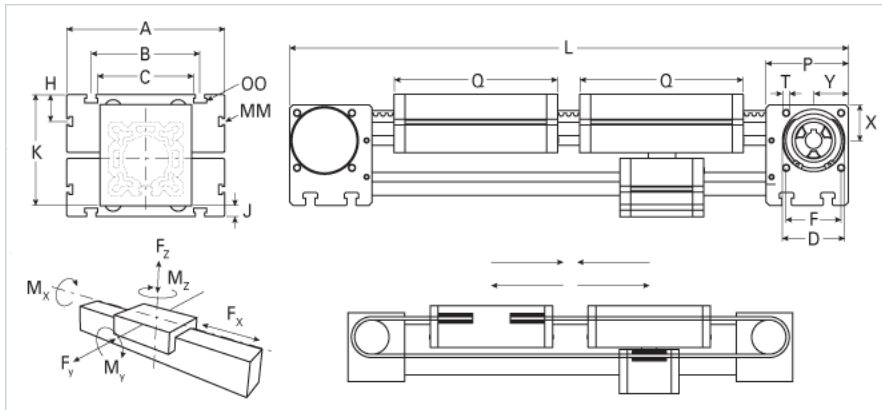


ELZ 125 Dual Carriage

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Details

Size	125
Belt	8M70
mm/Rev	304
Number of Teeth	38
Pully Diameter [mm]	96.8

Dimensions

Basic Length L [mm]	990
A [mm]	295
B [mm]	200
C [mm]	160
D [mm]	110
F [mm]	100
G [mm]	-
H [mm]	30
J [mm]	25.5
K [mm]	216
MM	M10
OO	M12
P [mm]	130
Q [mm]	365
T	M10
X [mm]	60
Y [mm]	60
Shaft Diameter and Length [mm]	30 x 55
Key	8x7x50

Speed

Speed Maximum [m/s]	10
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Forces and Torques

No-load torque [Nm]	1.4
Tensile force 0.2 sec [N]	4300
Tensile force permanent [N]	4000
F _x dynamic [N]	3800
F _y dynamic [N]	9000
F _z dynamic [N]	4500
M _x dynamic [Nm]	450
M _y dynamic [Nm]	600
M _z dynamic [Nm]	1150
F _x static [N]	5900
F _y static [N]	12000
F _z static [N]	6000
M _x static [Nm]	600
M _y static [Nm]	750
M _z static [Nm]	1350

Geometrical moments of inertia of aluminum profile

Elastic modulus [N/mm ²]	70000
I _x [mm ⁴]	10150000
I _y [mm ⁴]	10150000

Weight

Additional Weight per 100 mm [kg]	2.10
Basic Weight [kg]	53.5