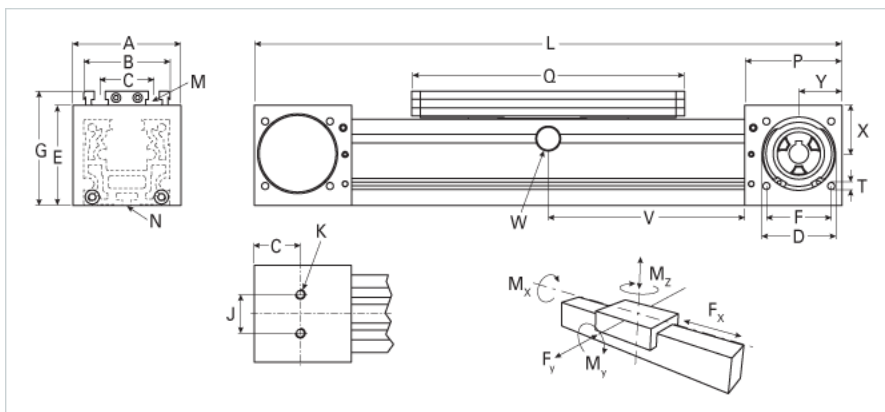
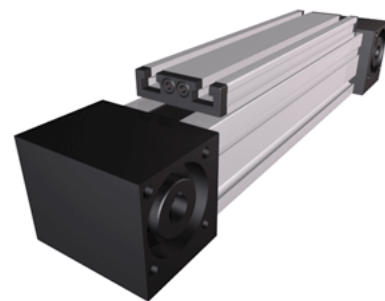


## QLZ 100 Extended Carriage

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<b>Details</b>	
Size	100
Belt	8M50
mm/Rev	224
Number of Teeth	28
Pully Diameter [mm]	71.3
<b>Dimensions</b>	
Basic Length L [mm]	550
A [mm]	130
B [mm]	100
C [mm]	66
D [mm]	90
E [mm]	110
F [mm]	80
G [mm]	129
H [mm]	55
J [mm]	50
K	M12
M	M10
N	M10
P [mm]	110
Q [mm]	320
T	M10
X [mm]	49
Y [mm]	50
Shaft Diameter and Length [mm]	22 x 45
Key	6x6x40
<b>Speed</b>	
Speed Maximum [m/s]	7
<b>Forces and Torques</b>	
No-load torque [Nm]	1.2
Tensile force 0.2 sec [N]	4300
Tensile force permanent [N]	4000
Fx dynamic [N]	3800
Fy dynamic [N]	1500
Fz dynamic [N]	1700
Mx dynamic [Nm]	60
My dynamic [Nm]	110
Mz dynamic [Nm]	90
Fx static [N]	4000
Fy static [N]	1900
Fz static [N]	2100
Mx static [Nm]	85
My static [Nm]	140
Mz static [Nm]	110
<b>Geometrical moments of inertia of aluminum profile</b>	
Elastic modulus [N/mm <sup>2</sup> ]	70000
Ix [mm <sup>4</sup> ]	4300000
Iy [mm <sup>4</sup> ]	4880000
<b>Shaft Details</b>	
Key [mm]	6x6x40
Shaft Diameter h6 x Length [mm]	22 x 45
<b>Weight</b>	

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Additional Weight per 100 mm [kg]

1.45

Basic Weight [kg]

15.8

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