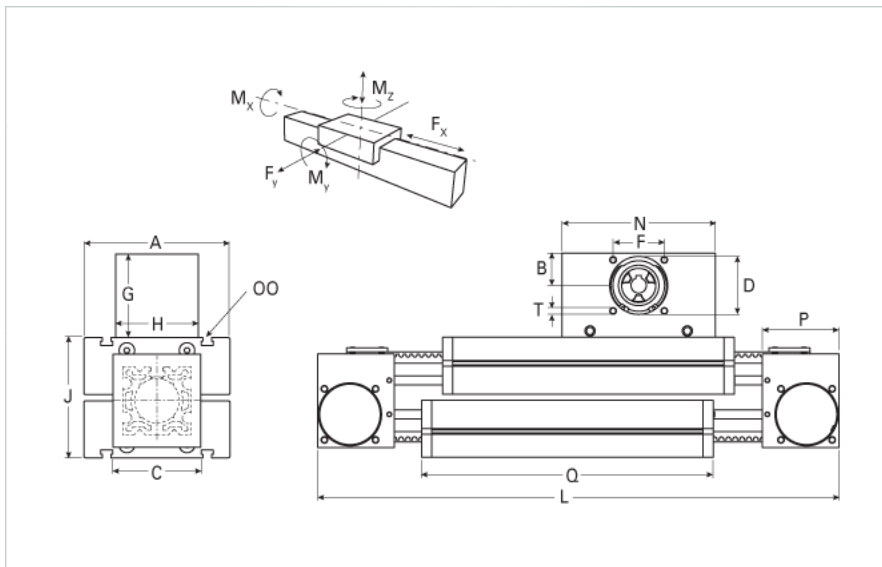
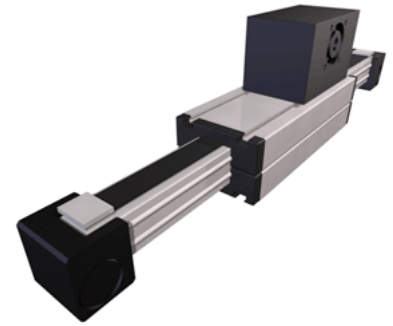


## ELZT 60S Extended Carriage

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Details	
Size	60S
Belt	8M30
mm/Rev	192
Number of Teeth	24
Pully Diameter [mm]	61.1
Dimensions	
Basic Length L [mm]	506
A [mm]	170
B [mm]	39
C [mm]	80
D [mm]	68
F [mm]	60
G [mm]	105
H [mm]	100
I [mm]	-
J [mm]	106
MM	-
N [mm]	180
OO	M8
P [mm]	59
Q [mm]	379
T	M8
V [mm]	-
Shaft Diameter and Length [mm]	18 x 45
Key	6x6x40
Speed	
Speed Maximum [m/s]	7
Forces and Torques	
No-load torque [Nm]	1.1
Tensile force 0.2 sec [N]	700
Tensile force permanent [N]	580
Fy dynamic [N]	310
Fx dynamic [N]	470
Fz dynamic [N]	1600
Mx dynamic [Nm]	65
My dynamic [Nm]	140
Mz dynamic [Nm]	170
Fx static [N]	580
Fy static [N]	4100
Fz static [N]	2160
Mx static [Nm]	88
My static [Nm]	190
Mz static [Nm]	230
Geometrical moments of inertia of aluminum profile	
Elastic modulus [N/mm <sup>2</sup> ]	70000
Ix [mm <sup>4</sup> ]	679000

ly [mm <sup>4</sup> ]	697000
<b>Weight</b>	
Additional Weight per 100 mm [kg]	0.73
Basic Weight [kg]	10.1