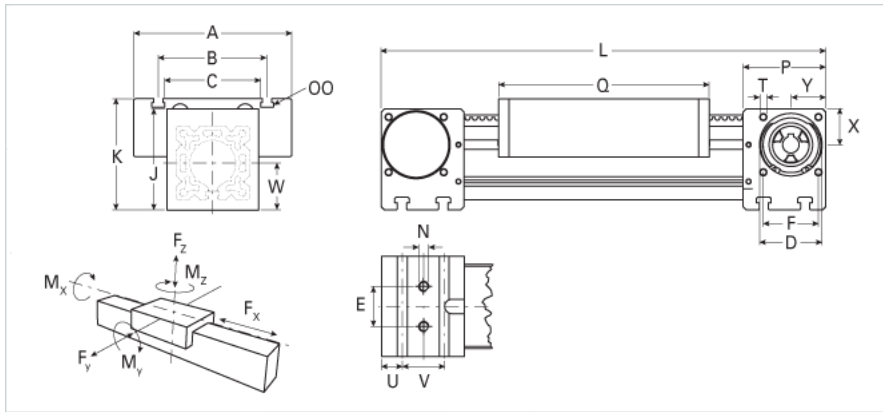
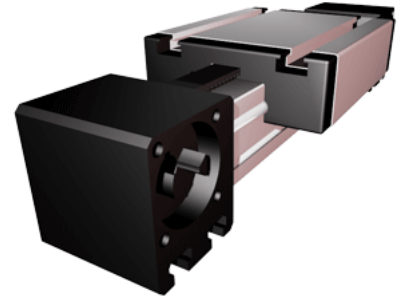


## ELZ 60

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### Details

Size	60
Belt	5M25
mm/Rev	130
Number of Teeth	26
Pully Diameter [mm]	41.4

### Dimensions

Basic Length L [mm]	290
A [mm]	144
B [mm]	96
C [mm]	80
D [mm]	47
E [mm]	30
F [mm]	42
G [mm]	-
H [mm]	-
J [mm]	82
K [mm]	90
MM T-Nut	-
N - Bolt Size	M8
OO - T-Nut	M8
P [mm]	59
Q [mm]	168
T T-Nut	M6
U [mm]	15
V [mm]	30
W [mm]	41
X [mm]	27
Y [mm]	26
Shaft Diameter and Length [mm]	14 x 35
Key	5x5x28

### Speed

Speed Maximum [m/s]	5
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### Forces and Torques

No-load torque [Nm]	0.6
Tensile force 0.2 sec [N]	1000
Tensile force permanent [N]	900
Fx dynamic [N]	800
Fy dynamic [N]	2000
Fz dynamic [N]	1100
Mx dynamic [Nm]	43
My dynamic [Nm]	70
Mz dynamic [Nm]	100
Fx static [N]	894
Fy static [N]	3000
Fz static [N]	1700
Mx static [Nm]	67
My static [Nm]	90
Mz static [Nm]	120

### Geometrical moments of inertia of aluminum profile

Elastic modulus [N/mm <sup>2</sup> ]	70000
Ix [mm <sup>4</sup> ]	679000
Iy [mm <sup>4</sup> ]	697000

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**Weight**

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Additional Weight per 100 mm [kg]

0.62

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Basic Weight [kg]4.8

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