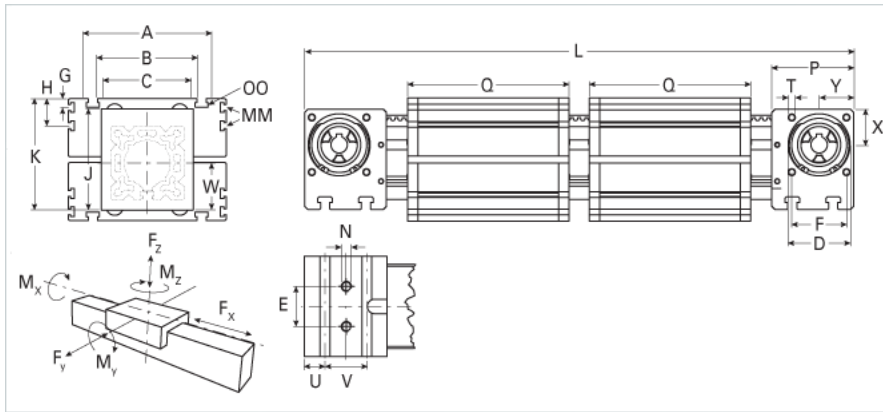
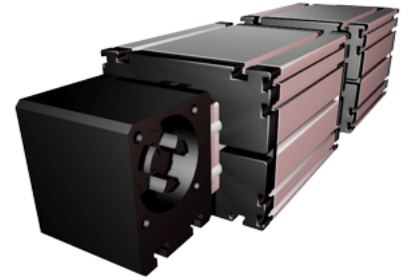


ELZZ 80S WAC

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Details

Size	80S
Belt	8M12
mm/Rev	192
Number of Teeth	32
Pully Diameter [mm]	61.1

Dimensions

Basic Length L [mm]	650
A [mm]	190
B [mm]	126
C [mm]	100
D [mm]	68
E [mm]	40
F [mm]	60
G [mm]	12.5
H [mm]	30
J [mm]	110
K [mm]	122
MM	M6
N	M10
OO	M8
P [mm]	90
Q [mm]	234
T	M8
U [mm]	22.5
V [mm]	45
W [mm]	51
X [mm]	39
Y [mm]	38

Speed

Speed Maximum [m/s]	8
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Forces and Torques

No-load torque [Nm]	1.2
Tensile force 0.2 sec [N]	746
Tensile force permanent [N]	679
Fx dynamic [N]	500
Fy dynamic [N]	3600
Fz dynamic [N]	2600
Mx dynamic [Nm]	140
My dynamic [Nm]	230
Mz dynamic [Nm]	220
Fx static [N]	679
Fy static [N]	4600
Fz static [N]	3000
Mx static [Nm]	170
My static [Nm]	270
Mz static [Nm]	300

Geometrical moments of inertia of aluminum profile

Elastic modulus [N/mm ²]	70000
Ix [mm ⁴]	1899000
Iy [mm ⁴]	1897000

Weight

Additional Weight per 100 mm [kg]	1.00
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