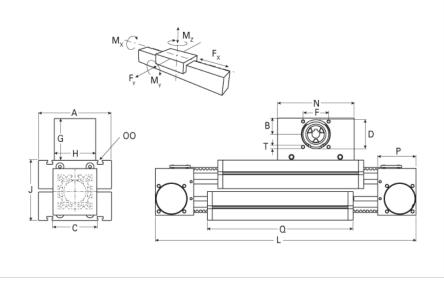
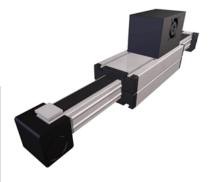


## **ELZT 60S Extended Carriage**

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Details	
Size	60S
Belt	8M30
mm/Rev	192
Number of Teeth	24
Pully Diameter [mm]	61.1
Dimensions	01.1
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
00	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
T 11 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	
Tensile force permanent [N]	580
Fy dynamic [N]	310
Fy dynamic [N] Fx dynamic [N]	310 470
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N]	310 470 1600
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm]	310 470 1600 65
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm] My dynamic [Nm]	310 470 1600 65 140
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm] My dynamic [Nm] My dynamic [Nm] Mz dynamic [Nm]	310 470 1600 65 140 170
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm] My dynamic [Nm] Mz dynamic [Nm] Fx static [N]	310 470 1600 65 140 170 580
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm] My dynamic [Nm] Mz dynamic [Nm] Fx static [N] Fy static [N]	310 470 1600 65 140 170 580 4100
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm] My dynamic [Nm] Mz dynamic [Nm] Fx static [N] Fy static [N] Fz static [N]	310 470 1600 65 140 170 580 4100 2160
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm] My dynamic [Nm] Mz dynamic [Nm] Fx static [N] Fy static [N] Fz static [N] Mx static [Nm]	310 470 1600 65 140 170 580 4100 2160 88
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm] My dynamic [Nm] Mz dynamic [Nm] Fx static [N] Fy static [N] Fz static [N] Mx static [Nm] Mx static [Nm]	310 470 1600 65 140 170 580 4100 2160 88 190
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm] My dynamic [Nm] Mz dynamic [Nm] Fx static [N] Fy static [N] Fz static [N] Mx static [N] Mx static [Nm] My static [Nm] My static [Nm]	310 470 1600 65 140 170 580 4100 2160 88
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm] My dynamic [Nm] Mz dynamic [Nm] Fx static [N] Fy static [N] Fy static [N] Mx static [Nm] Mx static [Nm] My static [Nm] My static [Nm] Mc static [Nm] Mc static [Nm] Mc static [Nm] Mc static [Nm]	310 470 1600 65 140 170 580 4100 2160 88 190 230
Fy dynamic [N] Fx dynamic [N] Fz dynamic [N] Mx dynamic [Nm] My dynamic [Nm] Mz dynamic [Nm] Fx static [N] Fy static [N] Fz static [N] Mx static [N] Mx static [Nm] My static [Nm] My static [Nm]	310 470 1600 65 140 170 580 4100 2160 88 190

ly [mm^4]	697000
Weight	
Additional Weight per 100 mm [kg]	0.73
Basic Weight [kg]	10.1