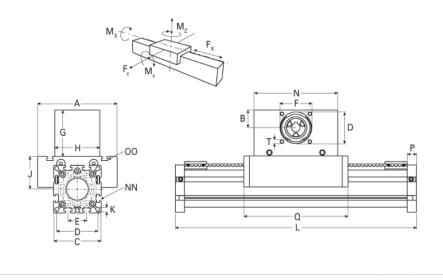
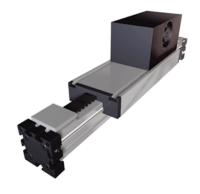


## **ELSZ 40 Wide Belt Extended Carriage**

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your ELSZ 40 Wide Belt Extended Carriage today!







Details	
Size	40
Belt	5M25
mm/Rev	130
Number of Teeth	26
Dimensions	
Basic Length L [mm]	355
A [mm]	100
B [mm]	30
C [mm]	58
D [mm]	47
E [mm]	25
F [mm]	42
G [mm]	83
H [mm]	80
I [mm]	-
J [mm]	35
K [mm]	6.5
MM	-
N [mm]	130
NN	M6
O [mm]	47
00	M6
P [mm]	12
Q [mm]	257
T	M6
V [mm]	-
Shaft Diameter and Length [mm]	14 x 35
Key	5x5x28
Speed	CHONES
Speed Maximum [m/s]	4
Forces and Torques	·
No-load torque [Nm]	0.7
Tensile force 0.2 sec [N]	480
Tensile force permanent [N]	894
Fx dynamic [N]	800
Fy dynamic [N]	700
Fz dynamic [N]	650
Mx dynamic [Nm]	20
My dynamic [Nm]	18
Mz dynamic [Nm]	25
Fx static [N]	894
Fy static [N]	1200
Fz static [N]	900
Mx static [Nm]	25
My static [Nm]	32
Mz static [Nm]	35
MZ Statio [Mili]	JU .

Geometrical moments of inertia of aluminum profile  Elastic modulus [N/mm^2]	70000	
. ,		
lx [mm^4]	132000	
ly [mm^4]	134000	
Weight		
Additional Weight per 100 mm [kg]	0.24	
Basic Weight [kg]	2.7	
Values for Calulating Inertias		
Pulley Material - Drive Pulley (x1)	Steel	
Pulley Material - Idler Pulleys (x2)	Plastic	
Pulley Diameter [mm]	41.4	
Effective Pulley Width [mm]	80	
Belt Weight [kg/m]	0.074	
Standard Carriage Weight [kg]	0.84	
No-load torque [Nm]	0.7	
Friction Coefficient	0.01	