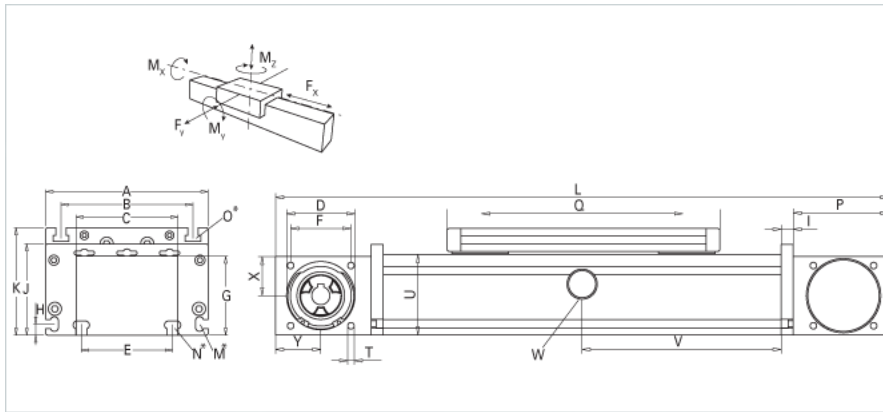
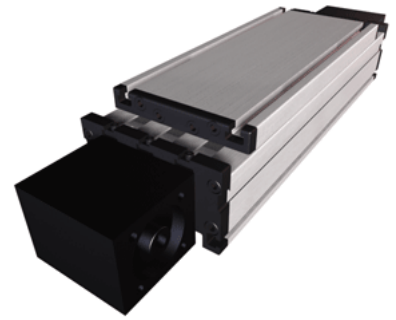


## DSZ 160 Extended Carriage

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your DSZ 160 Extended Carriage today!



### Details

Size	160
Belt	8M30/8M50
mm/Rev	176/224
Number of Teeth	22/28
Pully Diameter [mm]	56.0

### Dimensions

Basic Length L [mm]	470
A [mm]	160
B [mm]	130
C [mm]	100
D [mm]	68
E [mm]	90
F [mm]	60
G [mm]	78
H [mm]	11
I [mm]	12
J [mm]	90
K [mm]	106
M	M6
N	M8
O	M8
P [mm]	95
Q [mm]	230
T	M8
U [mm]	80
X [mm]	39
Y [mm]	45

### Speed

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

No-load torque with cover bands	2.1
No-load torque without cover bands	1.5
Fx [N] 10000 km	1800
Fy [N] 10000 km	3900
Fz [N] 10000 km	5020
Mx [Nm] 10000 km	255
My [Nm] 10000 km	262
Mz [Nm] 10000 km	258
Fx [N] 5000 km	1900
Fy [N] 5000 km	5570
Fz [N] 5000 km	7050
Mx [Nm] 5000 km	358
My [Nm] 5000 km	369
Mz [Nm] 5000 km	364
Tensile force 0.2 sec [N]	2090
Tensile force permanent [N]	1900

### Geometrical moments of inertia of aluminum profile

Elastic modulus [N/mm <sup>2</sup> ]	70000
Ix [mm <sup>4</sup> ]	2130000
Iy [mm <sup>4</sup> ]	12330000

### Weight

Additional Weight per 100 mm [kg]	1.90
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