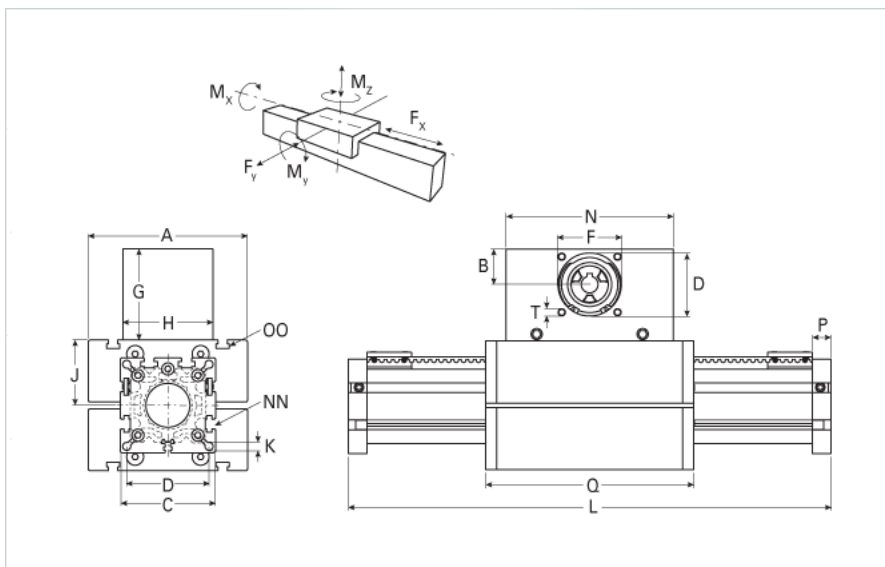
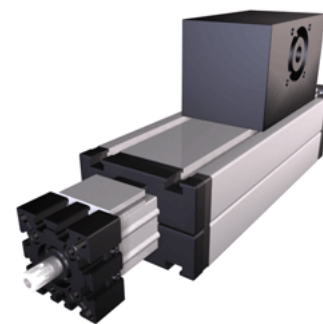


## ELSZ 30 WAC Wide Belt Extended Carriage

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your ELSZ 30 WAC Wide Belt Extended Carriage today!



| Details                        |        |
|--------------------------------|--------|
| Size                           | 30     |
| Belt                           | 5M15   |
| mm/Rev                         | 100    |
| Number of Teeth                | 20     |
| Pully Diameter [mm]            | 31.8   |
| Dimensions                     |        |
| Basic Length L [mm]            | 291    |
| A [mm]                         | 70     |
| B [mm]                         | 20     |
| C [mm]                         | 42     |
| D [mm]                         | 37     |
| E [mm]                         | 13     |
| F [mm]                         | 32     |
| G [mm]                         | 55     |
| H [mm]                         | 60     |
| I [mm]                         | -      |
| J [mm]                         | 26     |
| K [mm]                         | 4.2    |
| MM                             | -      |
| N [mm]                         | 110    |
| NN                             | M6     |
| O [mm]                         | 35     |
| OO                             | M6     |
| P [mm]                         | 12     |
| Q [mm]                         | 207    |
| T                              | M5     |
| V [mm]                         | -      |
| Shaft Diameter and Length [mm] | 10X 27 |
| Key                            | 3x3x25 |
| Speed                          |        |
| Speed Maximum [m/s]            | 2      |
| Forces and Torques             |        |
| No-load torque [Nm]            | 0.5    |
| Tensile force 0.2 sec [N]      | 480    |
| Tensile force permanent [N]    | 390    |
| Fx dynamic [N]                 | 350    |
| Fy dynamic [N]                 | 60     |
| Fz dynamic [N]                 | 60     |
| Mx dynamic [Nm]                | 5      |
| My dynamic [Nm]                | 6      |
| Mz dynamic [Nm]                | 7      |
| Fx static [N]                  | 390    |
| Fy static [N]                  | 90     |
| Fz static [N]                  | 90     |
| Mx static [Nm]                 | 10     |
| My static [Nm]                 | 13     |

|   |       |
|---|-------|
| Mz static [Nm]  | 14    |
| <b>Geometrical moments of inertia of aluminum profile</b> |       |
| Elastic modulus [N/mm <sup>2</sup> ]                      | 70000 |
| Ix [mm <sup>4</sup> ]                                     | 40900 |
| Iy [mm <sup>4</sup> ]                                     | 40000 |
| <b>Weight</b>   |       |
| Additional Weight per 100 mm [kg]                         | 0.16  |
| Basic Weight [kg]   | 1.5   |