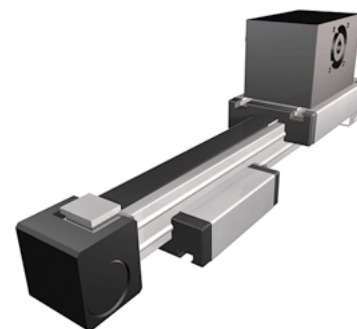
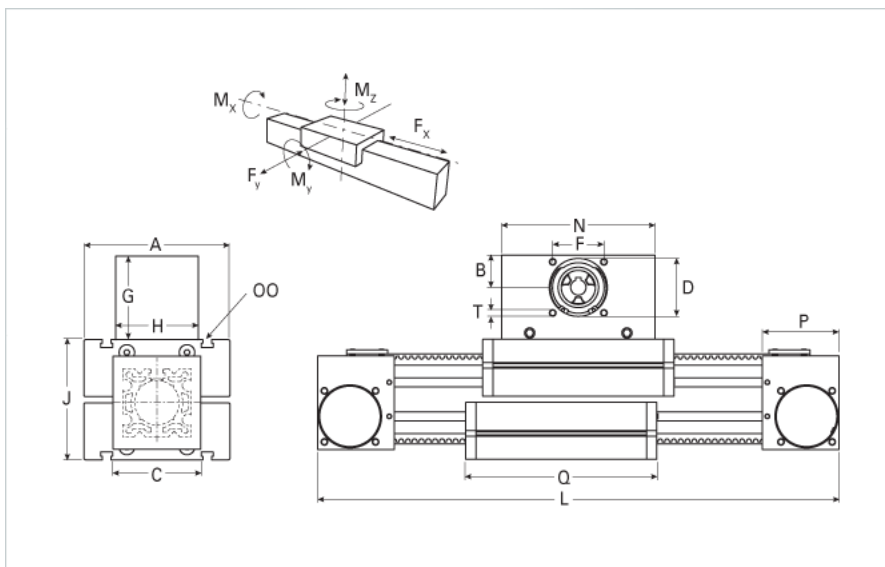


## ELZT 40

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your ELZT 40 today!



### Details

|                     |      |
|---------------------|------|
| Size                | 40   |
| Belt                | 5M25 |
| mm/Rev              | 130  |
| Number of Teeth     | 26   |
| Pully Diameter [mm] | 41.4 |

### Dimensions

|                                |         |
|--------------------------------|---------|
| Basic Length L [mm]            | 265     |
| A [mm]                         | 100     |
| B [mm]                         | 30      |
| C [mm]                         | 58      |
| D [mm]                         | 47      |
| F [mm]                         | 42      |
| G [mm]                         | 83      |
| H [mm]                         | 80      |
| I [mm]                         | -       |
| J [mm]                         | 70      |
| MM                             | -       |
| N [mm]                         | 130     |
| OO                             | M6      |
| P [mm]                         | 49      |
| Q [mm]                         | 162     |
| T                              | M6      |
| V [mm]                         | -       |
| Shaft Diameter and Length [mm] | 14 x 35 |
| Key                            | 5x5x28  |

### Speed

|                     |   |
|---------------------|---|
| Speed Maximum [m/s] | 4 |
|---------------------|---|

### Forces and Torques

|                             |      |
|-----------------------------|------|
| No-load torque [Nm]         | 0.9  |
| Tensile force 0.2 sec [N]   | 450  |
| Tensile force permanent [N] | 360  |
| Fy dynamic [N]              | 700  |
| Fx dynamic [N]              | 600  |
| Fz dynamic [N]              | 650  |
| Mx dynamic [Nm]             | 20   |
| My dynamic [Nm]             | 18   |
| Mz dynamic [Nm]             | 285  |
| Fx static [N]               | 360  |
| Fy static [N]               | 1200 |
| Fz static [N]               | 900  |
| Mx static [Nm]              | 25   |
| My static [Nm]              | 32   |
| Mz static [Nm]              | 35   |

### Geometrical moments of inertia of aluminum profile

|                                      |        |
|--------------------------------------|--------|
| Elastic modulus [N/mm <sup>2</sup> ] | 70000  |
| Ix [mm <sup>4</sup> ]                | 132000 |
| Iy [mm <sup>4</sup> ]                | 134000 |

**Weight**

|                                   |      |
|-----------------------------------|------|
| Additional Weight per 100 mm [kg] | 0.31 |
| Basic Weight [kg]                 | 3.6  |