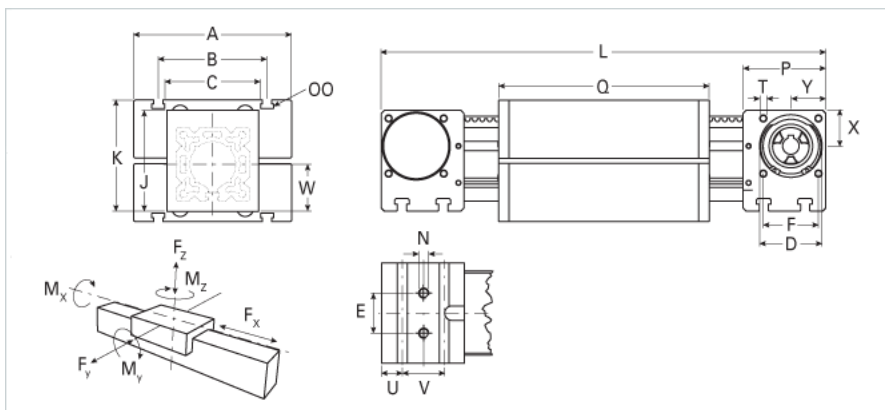
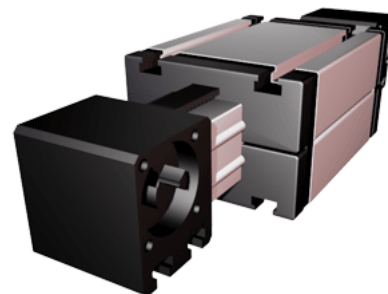


## ELZ 40 WAC

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| <b>Details</b>  |        |
|---|--------|
| Size  | 40     |
| Belt  | 5M12   |
| mm/Rev  | 100    |
| Number of Teeth   | 20     |
| Pully Diameter [mm]                                       | 31.8   |
| <b>Dimensions</b>   |        |
| Basic Length L [mm]                                       | 241    |
| A [mm]  | 100    |
| B [mm]  | 66     |
| C [mm]  | 58     |
| D [mm]  | 37     |
| E [mm]  | 18     |
| F [mm]  | 32     |
| G [mm]  | -      |
| H [mm]  | -      |
| J [mm]  | 58     |
| K [mm]  | 64     |
| MM T-Nut  | -      |
| N - Bolt Size   | M6     |
| OO - T-Nut  | M6     |
| P [mm]  | 49     |
| Q [mm]  | 138    |
| T T-Nut   | M5     |
| U [mm]  | 12.5   |
| V [mm]  | 24     |
| W [mm]  | 29     |
| X [mm]  | 20.5   |
| Y [mm]  | 20.5   |
| Shaft Diameter and Length [mm]                            | 10X 27 |
| Key   | 3x3x25 |
| <b>Speed</b>  |        |
| Speed Maximum [m/s]                                       | 4      |
| <b>Forces and Torques</b>                                 |        |
| No-load torque [Nm]                                       | 0.3    |
| Tensile force 0.2 sec [N]                                 | 480    |
| Tensile force permanent [N]                               | 390    |
| Fx dynamic [N]  | 350    |
| Fy dynamic [N]  | 700    |
| Fz dynamic [N]  | 650    |
| Mx dynamic [Nm]   | 20     |
| My dynamic [Nm]   | 18     |
| Mz dynamic [Nm]   | 25     |
| Fx static [N]   | 390    |
| Fy static [N]   | 1200   |
| Fz static [N]   | 900    |
| Mx static [Nm]  | 25     |
| My static [Nm]  | 32     |
| Mz static [Nm]  | 35     |
| <b>Geometrical moments of inertia of aluminum profile</b> |        |
| Elastic modulus [N/mm <sup>2</sup> ]                      | 70000  |
| Ix [mm <sup>4</sup> ]                                     | 132000 |
| Iy [mm <sup>4</sup> ]                                     | 134000 |

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**Weight**

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Additional Weight per 100 mm [kg]

0.24

Basic Weight [kg]

1.9

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