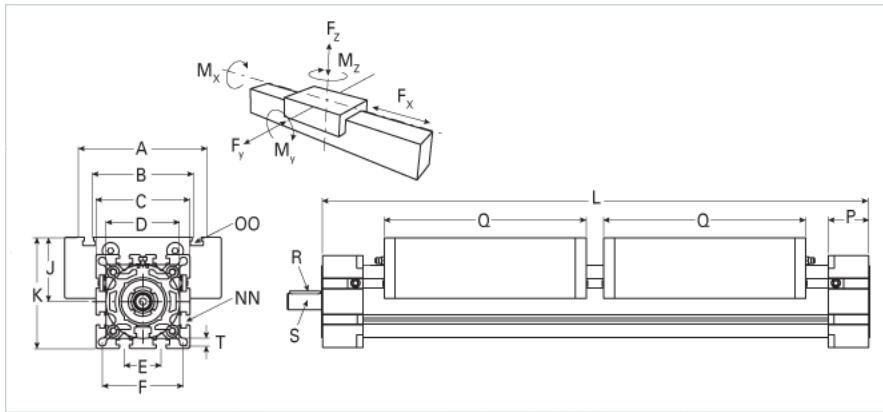
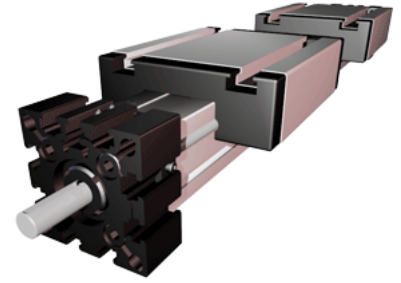


## ELT 40 Dual Carriage

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| Details  |             |
|--|-------------|
| Size   | 40          |
| Screw Options                                      | 18x4/18x8   |
| Screw Type   | Trapezoidal |
| Dimensions   |             |
| Basic Length L [mm]                                | 300         |
| A [mm]   | 100         |
| B [mm]   | 66          |
| C [mm]   | 58          |
| D [mm]   | 48x1        |
| E [mm]   | 18          |
| F [mm]   | 47          |
| G [mm]   | -           |
| H [mm]   | -           |
| J [mm]   | 35          |
| K [mm]   | 64          |
| MM   | -           |
| NN   | M6          |
| OO   | M6          |
| P [mm]   | 25          |
| Q [mm]   | 122         |
| R [mm]   | 3x3x25      |
| S Diameter x Length [mm]                           | 10 x 27     |
| T-Diameter [mm]                                    | 6.5         |
| Forces and Torques                                 |             |
| No-load torque [Nm]                                | 0.4         |
| Fx dynamic [N]                                     | 1200        |
| Fy dynamic [N]                                     | 700         |
| Fz dynamic [N]                                     | 650         |
| Mx dynamic [Nm]                                    | 20          |
| My dynamic [Nm]                                    | 18          |
| Mz dynamic [Nm]                                    | 25          |
| Fx static [N]                                      | 1500        |
| 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]                  | 0.37        |
| Basic Weight [kg]                                  | 2.5         |