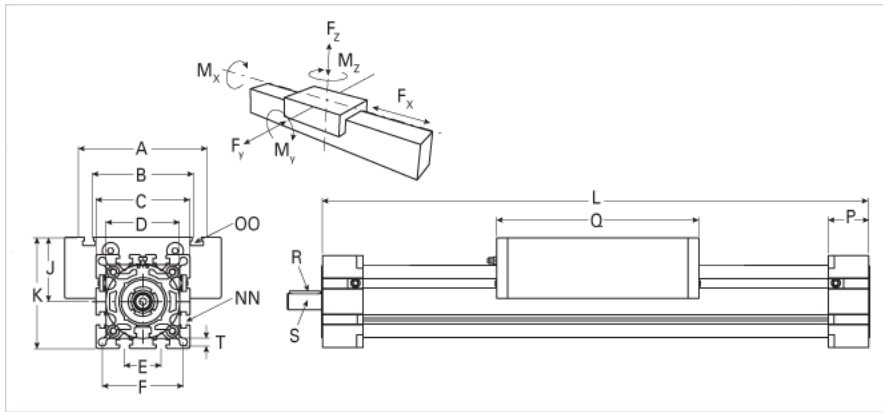
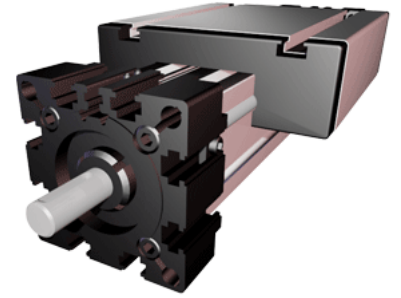


## ELT 60

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| <b>Details</b>  |             |
|---|-------------|
| Size  | 60          |
| Screw Options   | 24x5/24x10  |
| Screw Type  | Trapezoidal |
| <b>Dimensions</b>   |             |
| Basic Length L [mm]                                       | 245         |
| A [mm]  | 144         |
| B [mm]  | 96          |
| C [mm]  | 82          |
| D [mm]  | 62x1        |
| E [mm]  | 30          |
| F [mm]  | 69          |
| G [mm]  | -           |
| H [mm]  | -           |
| J [mm]  | 49          |
| K [mm]  | 90          |
| MM  | -           |
| NN  | M8          |
| OO  | M8          |
| P [mm]  | 35          |
| Q [mm]  | 168         |
| R [mm]  | 5x5x28      |
| S Diameter x Length [mm]                                  | 14x35       |
| T-Diameter [mm]   | 8.5         |
| <b>Forces and Torques</b>                                 |             |
| No-load torque [Nm]                                       | 0.8         |
| Fx dynamic [N]  | 2000        |
| Fy dynamic [N]  | 2000        |
| Fz dynamic [N]  | 1100        |
| Mx dynamic [Nm]   | 43          |
| My dynamic [Nm]   | 70          |
| Mz dynamic [Nm]   | 100         |
| Fx static [N]   | 2500        |
| Fy static [N]   | 3000        |
| Fz static [N]   | 1700        |
| Mx static [Nm]  | 67          |
| My static [Nm]  | 90          |
| Mz static [Nm]  | 120         |
| <b>Geometrical moments of inertia of aluminum profile</b> |             |
| Elastic modulus [N/mm <sup>2</sup> ]                      | 70000       |
| Ix [mm <sup>4</sup> ]                                     | 679000      |
| Iy [mm <sup>4</sup> ]                                     | 697000      |
| <b>Weight</b>   |             |
| Additional Weight per 100 mm [kg]                         | 0.89        |
| Basic Weight [kg]   | 5.1         |