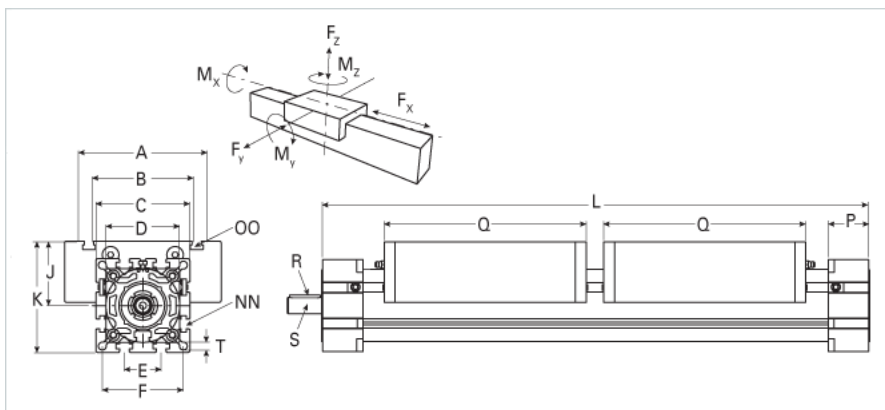
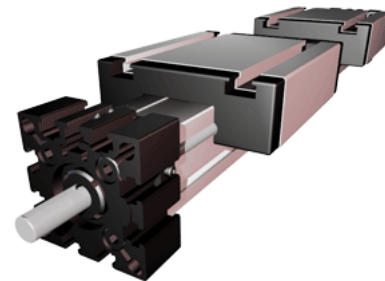


## ELK 60 Dual Carriage

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| Details  |                  |
|--|------------------|
| Size   | 60               |
| Screw Options                                      | 25x5/20x20/25x10 |
| Screw Type   | Ball Screw       |
| Dimensions   |                  |
| Basic Length L [mm]                                | 410              |
| 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]                           | 14 x 35          |
| T-Diameter [mm]                                    | 8.5              |
| Forces and Torques                                 |                  |
| 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              |
| Geometrical moments of inertia of aluminum profile |                  |
| Elastic modulus [N/mm <sup>2</sup> ]               | 70000            |
| Ix [mm <sup>4</sup> ]                              | 679000           |
| Iy [mm <sup>4</sup> ]                              | 697000           |
| Weight   |                  |
| Additional Weight per 100 mm [kg]                  | 0.89             |
| Basic Weight [kg]                                  | 8.1              |