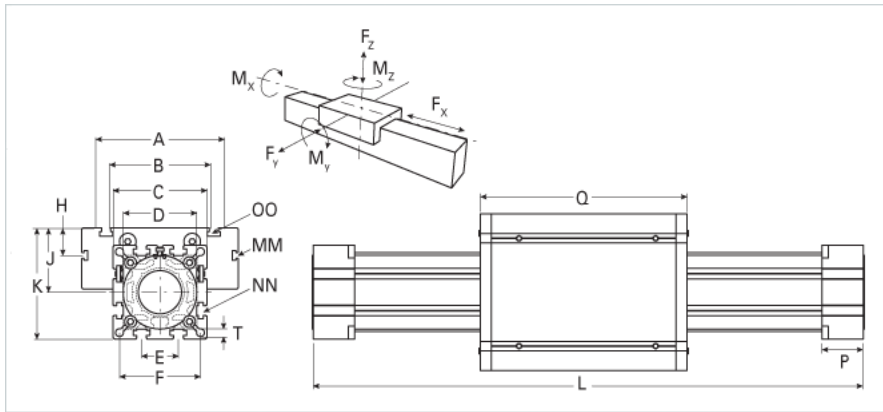
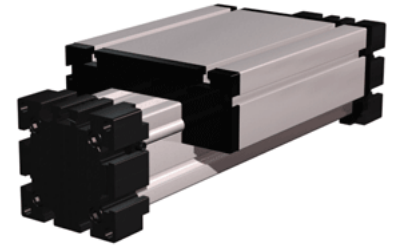


## ELR 125

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| <b>Details</b>  |          |
|---|----------|
| Size  | 125      |
| <b>Dimensions</b>   |          |
| Basic Length L [mm]                                       | 510      |
| A [mm]  | 295      |
| B [mm]  | 200      |
| C [mm]  | 165      |
| D [mm]  | 130x1    |
| E [mm]  | 60       |
| F [mm]  | 142      |
| G [mm]  | -        |
| H [mm]  | 30       |
| K [mm]  | 190      |
| MM  | M10      |
| NN  | M12      |
| OO  | 12       |
| P [mm]  | 65       |
| Q [mm]  | 365      |
| T-Diameter [mm]   | 13.0     |
| <b>Forces and Torques</b>                                 |          |
| Fx dynamic [N]  | -        |
| Fy dynamic [N]  | 9000     |
| Fz dynamic [N]  | 4500     |
| Mx dynamic [Nm]   | 1450     |
| My dynamic [Nm]   | 600      |
| Mz dynamic [Nm]   | 1150     |
| Fx static [N]   | -        |
| Fy static [N]   | 12000    |
| Fz static [N]   | 6000     |
| Mx static [Nm]  | 600      |
| My static [Nm]  | 750      |
| Mz static [Nm]  | 1350     |
| No-load torque Maximum [m/s]                              | 10       |
| <b>Geometrical moments of inertia of aluminum profile</b> |          |
| Elastic modulus [N/mm <sup>2</sup> ]                      | 70000    |
| Ix [mm <sup>4</sup> ]                                     | 10200000 |
| Iy [mm <sup>4</sup> ]                                     | 10200000 |
| <b>Weight</b>   |          |
| Additional Weight per 100 mm [kg]                         | 2.05     |
| Basic Weight [kg]   | 26.8     |