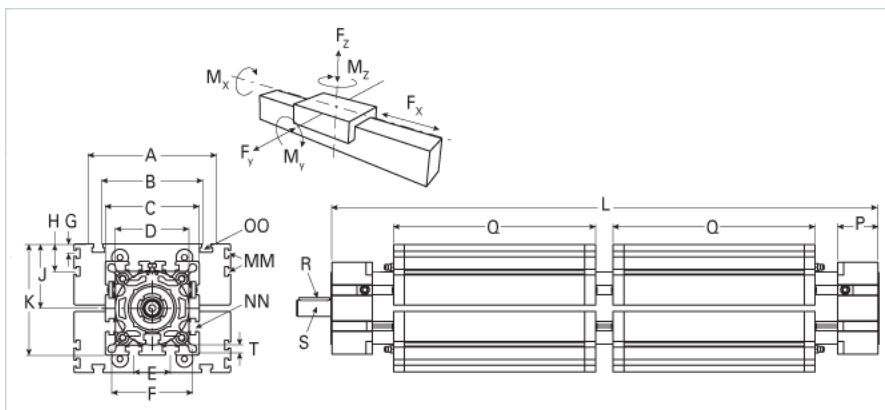
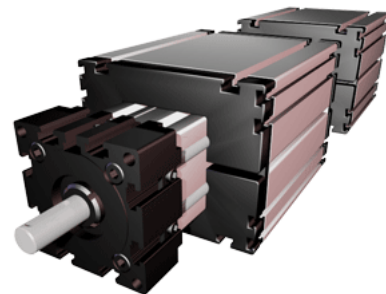


## ELK 80 WAC Dual Carriage

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your ELK 80 WAC Dual Carriage today!



| <b>Details</b>  |                  |
|---|------------------|
| Size  | 80               |
| Screw Options   | 32x5/25x25/32x10 |
| Screw Type  | Ball Screw       |
| <b>Dimensions</b>   |                  |
| Basic Length L [mm]                                       | 512              |
| A [mm]  | 170              |
| B [mm]  | 117              |
| C [mm]  | 102              |
| D [mm]  | 80x1             |
| E [mm]  | 40               |
| F [mm]  | 88               |
| G [mm]  | 10               |
| H [mm]  | 30               |
| J [mm]  | 70               |
| K [mm]  | 121              |
| MM  | M6               |
| NN  | M10              |
| OO  | M10              |
| P [mm]  | 45               |
| Q [mm]  | 210              |
| R [mm]  | 6x6x40           |
| S Diameter x Length [mm]                                  | 18 x 45          |
| T-Diameter [mm]   | 8.9              |
| <b>Forces and Torques</b>                                 |                  |
| No-load torque [Nm]                                       | 0.8              |
| Fx dynamic [N]  | 4000             |
| Fy dynamic [N]  | 2000             |
| Fz dynamic [N]  | 1100             |
| Mx dynamic [Nm]   | 55               |
| My dynamic [Nm]   | 80               |
| Mz dynamic [Nm]   | 120              |
| Fx static [N]   | 5000             |
| Fy static [N]   | 3000             |
| Fz static [N]   | 1700             |
| Mx static [Nm]  | 90               |
| My static [Nm]  | 110              |
| Mz static [Nm]  | 150              |
| <b>Geometrical moments of inertia of aluminum profile</b> |                  |
| Elastic modulus [N/mm <sup>2</sup> ]                      | 70000            |
| Ix [mm <sup>4</sup> ]                                     | 1899000          |
| Iy [mm <sup>4</sup> ]                                     | 1897000          |
| <b>Weight</b>   |                  |
| Additional Weight per 100 mm [kg]                         | 1.48             |
| Basic Weight [kg]   | 15.0             |