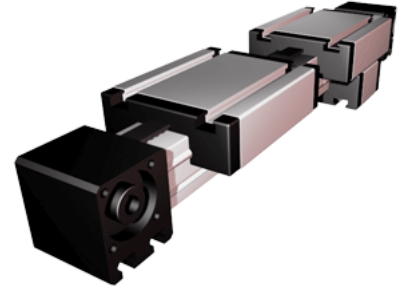
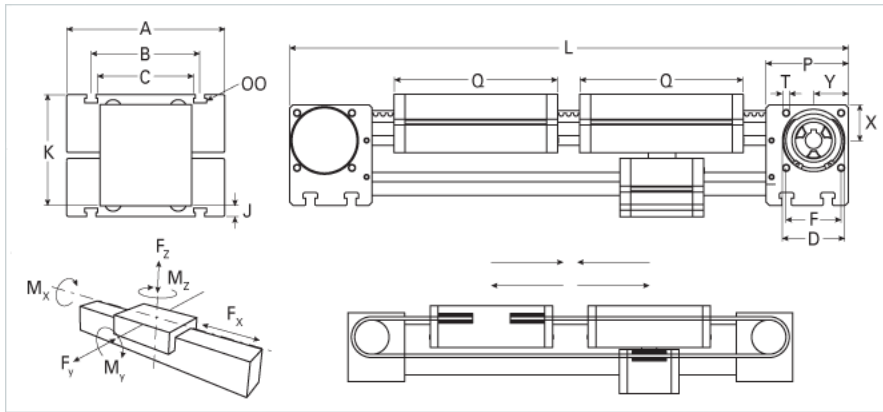


## ELZ 40 Dual Carriage

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your ELZ 40 Dual Carriage today!



| Details  |        |
|--|--------|
| Size   | 40     |
| Belt   | 5M12   |
| mm/Rev   | 100    |
| Number of Teeth                                    | 20     |
| Pully Diameter [mm]                                | 31.8   |
| Dimensions   |        |
| Basic Length L [mm]                                | 350    |
| A [mm]   | 100    |
| B [mm]   | 66     |
| C [mm]   | 58     |
| D [mm]   | 37     |
| F [mm]   | 32     |
| G [mm]   | -      |
| H [mm]   | -      |
| J [mm]   | 6      |
| K [mm]   | 70     |
| MM   | -      |
| OO   | M6     |
| P [mm]   | 49     |
| Q [mm]   | 122    |
| T  | M5     |
| X [mm]   | 20.5   |
| Y [mm]   | 20.5   |
| Shaft Diameter and Length [mm]                     | 10X 27 |
| Key  | 3x3x25 |
| Speed  |        |
| Speed Maximum [m/s]                                | 4      |
| Forces and Torques                                 |        |
| No-load torque [Nm]                                | 0.3    |
| Tensile force 0.2 sec [N]                          | 480    |
| Tensile force permanent [N]                        | 390    |
| Fx dynamic [N]                                     | 350    |
| Fy dynamic [N]                                     | 700    |
| Fz dynamic [N]                                     | 650    |
| Mx dynamic [Nm]                                    | 20     |
| My dynamic [Nm]                                    | 18     |
| Mz dynamic [Nm]                                    | 25     |
| Fx static [N]                                      | 390    |
| 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]                  | 0.24   |
| Basic Weight [kg]                                  | 2.8    |