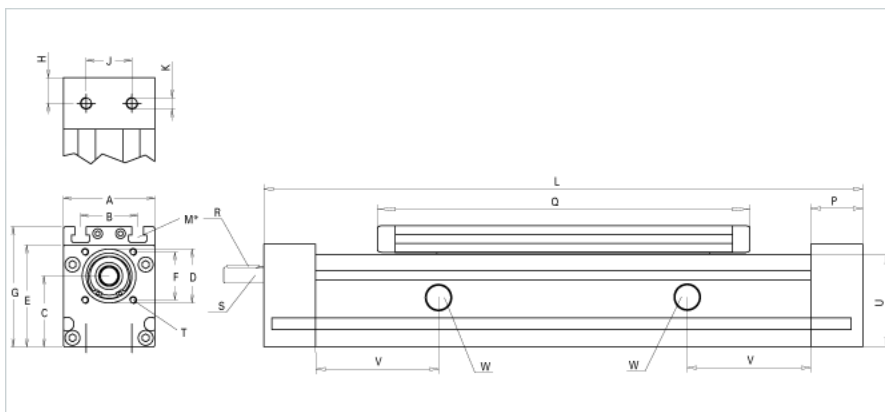
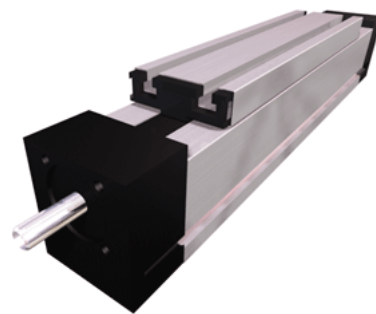


## QSTE 100 Extended Carriage

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your QSTE 100 Extended Carriage today!



### Details

|               |             |
|---------------|-------------|
| Size          | 100         |
| Screw Options | 32x6/32x12  |
| Screw Type    | Trapexoidal |

### Dimensions

|                                |         |
|--------------------------------|---------|
| Basic Length L [mm]            | 510     |
| A [mm]                         | 101     |
| B [mm]                         | 66      |
| C [mm]                         | 75.5    |
| D [mm]                         | 68      |
| E [mm]                         | 112.5   |
| F [mm]                         | 60      |
| G [mm]                         | 130     |
| H [mm]                         | 28.5    |
| J [mm]                         | 50      |
| K                              | M10     |
| N                              | M10     |
| P [mm]                         | 57      |
| Q [mm]                         | 383     |
| Shaft R Key [mm]               | 6x6x40  |
| Shaft S Diameter x Length [mm] | 22h6x45 |
| T                              | M8      |
| U [mm]                         | 101     |

### Forces and Torques

|                              |       |
|------------------------------|-------|
| F <sub>x</sub> [N] 10000 km  | 4000  |
| F <sub>y</sub> [N] 10000 km  | 2910  |
| F <sub>z</sub> [N] 10000 km  | 7360  |
| M <sub>x</sub> [Nm] 10000 km | 101   |
| M <sub>y</sub> [Nm] 10000 km | 597   |
| M <sub>z</sub> [Nm] 10000 km | 532   |
| F <sub>x</sub> [N] 5000 km   | 5000  |
| F <sub>y</sub> [N] 5000 km   | 4082  |
| F <sub>z</sub> [N] 5000 km   | 10300 |
| M <sub>x</sub> [Nm] 5000 km  | 142   |
| M <sub>y</sub> [Nm] 5000 km  | 838   |
| M <sub>z</sub> [Nm] 5000 km  | 745   |

### Geometrical moments of inertia of aluminum profile

|                                      |         |
|--------------------------------------|---------|
| Elastic modulus [N/mm <sup>2</sup> ] | 70000   |
| I <sub>x</sub> [mm <sup>4</sup> ]    | 4300000 |
| I <sub>y</sub> [mm <sup>4</sup> ]    | 4880000 |

### Weight

|                        |      |
|------------------------|------|
| Weight Per 100 mm [kg] | 1.3  |
| Basic Weight [kg]      | 14.8 |