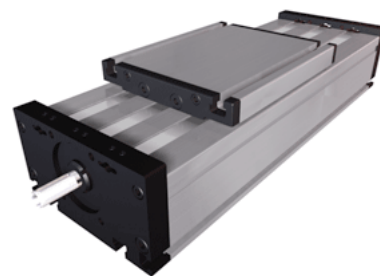
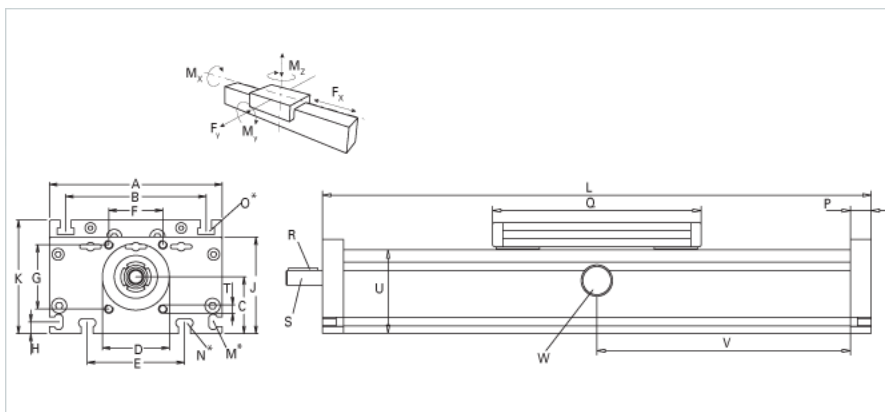


## DST 160

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your DST 160 today!



### Details

|               |             |
|---------------|-------------|
| Size          | 160         |
| Screw Options | 24x5/24x10  |
| Screw Type    | Trapexoidal |

### Dimensions

|                                |          |
|--------------------------------|----------|
| Basic Length L [mm]            | 260      |
| A [mm]                         | 160      |
| B [mm]                         | 130      |
| C [mm]                         | 53       |
| D [mm]                         | 62       |
| E [mm]                         | 90       |
| F [mm]                         | 50       |
| G [mm]                         | 60       |
| H [mm]                         | 11       |
| J [mm]                         | 90       |
| K [mm]                         | 106      |
| M                              | M6       |
| N                              | M8       |
| O                              | M8       |
| P [mm]                         | 20       |
| Q [mm]                         | 200      |
| Shaft R Key [mm]               | 5X5X28   |
| Shaft S Diameter x Length [mm] | 14 h6x35 |
| T                              | M8       |
| U [mm]                         | 80       |

### Forces and Torques

|                     |      |
|---------------------|------|
| Fx [N] 10000 km     | 4000 |
| Fy [N] 10000 km     | 3900 |
| Fz [N] 10000 km     | 5020 |
| Mx [Nm] 10000 km    | 255  |
| My [Nm] 10000 km    | 262  |
| Mz [Nm] 10000 km    | 258  |
| Fx [N] 5000 km      | 5000 |
| Fy [N] 5000 km      | 5570 |
| Fz [N] 5000 km      | 7050 |
| Mx [Nm] 5000 km     | 358  |
| My [Nm] 5000 km     | 369  |
| Mz [Nm] 5000 km     | 364  |
| No-load torque [Nm] | 1    |

### Geometrical moments of inertia of aluminum profile

|                                      |          |
|--------------------------------------|----------|
| Elastic modulus [N/mm <sup>2</sup> ] | 70000    |
| Ix [mm <sup>4</sup> ]                | 21300000 |
| Iy [mm <sup>4</sup> ]                | 12300000 |

### Weight

|                        |     |
|------------------------|-----|
| Weight Per 100 mm [kg] | 2.1 |
| Basic Weight [kg]      | 7.2 |