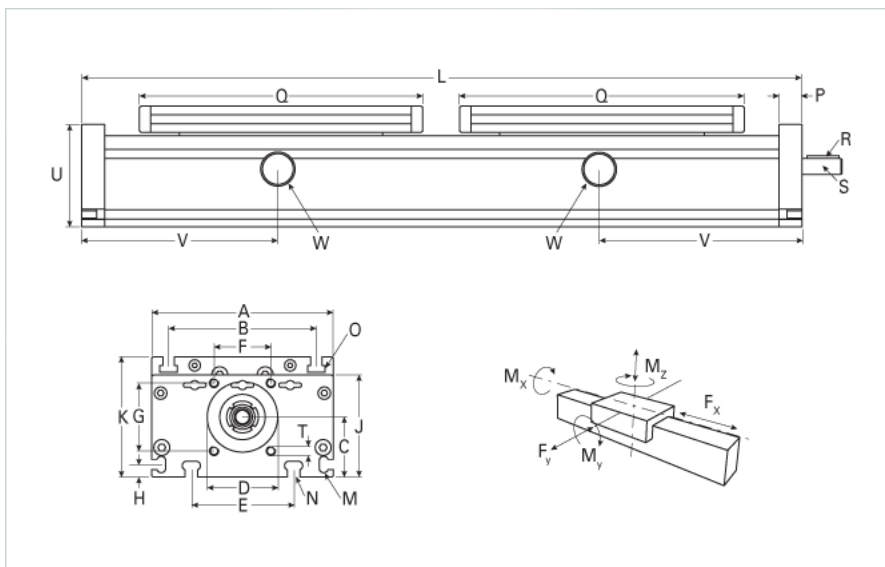


## DLK 120 Dual Carriage Extended Carriage 6 Split Rollers

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your DLK 120 Dual Carriage Extended Carriage 6 Split Rollers



### Details

|               |                                   |
|---------------|-----------------------------------|
| Size          | 120                               |
| Screw Options | 16x5/16x10/16x16/20x20/25x5/25x10 |
| Screw Type    | Ball Screw                        |

### Dimensions

|                                |          |
|--------------------------------|----------|
| Basic Length L [mm]            | 530      |
| A [mm]                         | 120      |
| B [mm]                         | 96       |
| C [mm]                         | 39       |
| D [mm]                         | 47       |
| E [mm]                         | 78       |
| F [mm]                         | 42       |
| G [mm]                         | 42       |
| H [mm]                         | 10       |
| J [mm]                         | 68       |
| K [mm]                         | 79       |
| M                              | M5       |
| N                              | M6       |
| O                              | M6       |
| P [mm]                         | 15       |
| Q [mm]                         | 236      |
| Shaft R Key [mm]               | 3x3x25   |
| Shaft S Diameter x Length [mm] | 10 h6x27 |
| T                              | M6       |
| U [mm]                         | 60       |

### Forces and Torques

|                        |      |
|------------------------|------|
| No Load Torque-Dynamic | 0.9  |
| Fx dynamic [N]         | 800  |
| Fy dynamic [N]         | 900  |
| Fz dynamic [N]         | 1000 |
| Mx dynamic [Nm]        | 125  |
| My dynamic [Nm]        | 120  |
| Mz dynamic [Nm]        | 90   |
| Fx static [N]          | 900  |
| Fy static [N]          | 1100 |
| Fz static [N]          | 1250 |
| Mx static [Nm]         | 150  |
| My static [Nm]         | 140  |
| Mz static [Nm]         | 100  |

### Geometrical moments of inertia of aluminum profile

|                                      |         |
|--------------------------------------|---------|
| Elastic modulus [N/mm <sup>2</sup> ] | 70000   |
| Ix [mm <sup>4</sup> ]                | 660000  |
| Iy [mm <sup>4</sup> ]                | 3860000 |

### Weight

|                                   |      |
|-----------------------------------|------|
| Additional Weight per 100 mm [kg] | 0.92 |
| Basic Weight [kg]                 | 5.1  |