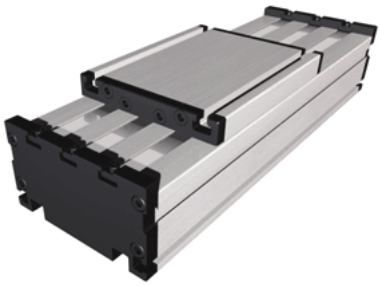
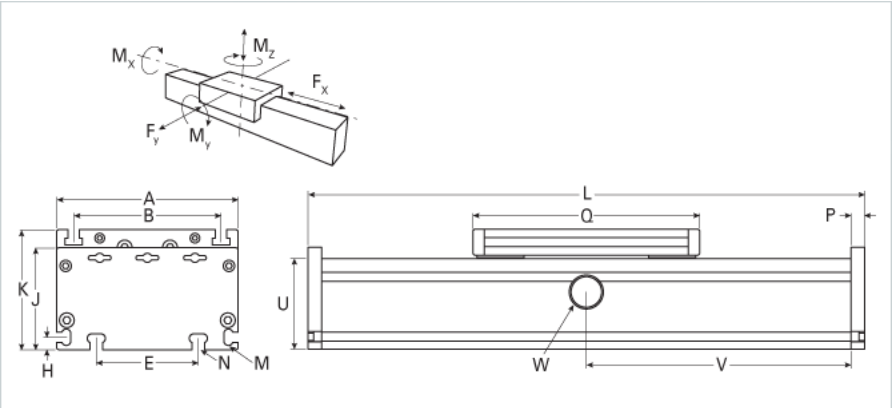
# Product Specification Sheet

## DLR 160

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your DLR 160 today!



2D/3D CAD ONLINE

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|---|---|
| **Details** | |
| Size | 160 |
| **Dimensions** | |
| Basic Length L [mm] | 240 |
| A [mm] | 160 |
| B [mm] | 130 |
| E [mm] | 90 |
| H [mm] | 11 |
| J [mm] | 90 |
| K [mm] | 106 |
| M | M6 |
| N | M8 |
| O | M8 |
| P [mm] | 12 |
| Q [mm] | 200 |
| U [mm] | 80 |
| **Speed** | |
| Speed Maximum [m/s] | 6 |
| **Forces and Torques** | |
| Fx dynamic [N] | - |
| Fy dynamic [N] | 2000 |
| Fz dynamic [N] | 2800 |
| Mx dynamic [Nm] | 320 |
| My dynamic [Nm] | 300 |
| Mz dynamic [Nm] | 150 |
| Fx static [N] | - |
| Fy static [N] | 3000 |
| Fz static [N] | 3500 |
| Mx static [Nm] | 400 |
| My static [Nm] | 360 |
| Mz static [Nm] | 180 |
| **Geometrical moments of inertia of aluminum profile** | |
| Elastic modulus [N/mm<sup>2</sup>] | 70000 |
| Ix [mm<sup>4</sup>] | 2220000 |
| Iy [mm<sup>4</sup>] | 12200000 |
| **Weight** | |
| Additional Weight per 100 mm [kg] {.00] | 1.42 |
| Basic Weight [kg] | 6.9 |