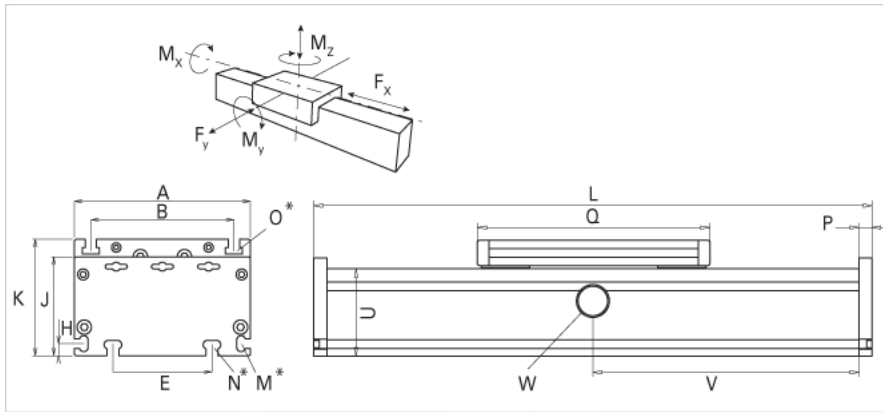
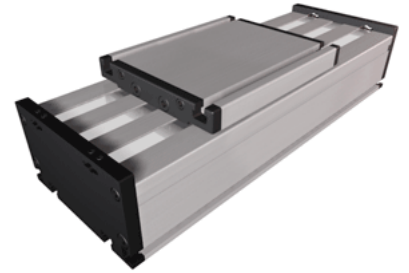


DSR 120

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| Details | |
|--|------------------|
| Size | 120 |
| Screw Options | 16x5/16x10/16x16 |
| Screw Type | Ball Screw |
| Dimensions | |
| Basic Length L [mm] | 200 |
| A [mm] | 120 |
| B [mm] | 96 |
| E [mm] | 78 |
| H [mm] | 10 |
| J [mm] | 68 |
| K [mm] | 79 |
| M | M6 |
| N | M5 |
| O | M6 |
| P [mm] | 10 |
| Q [mm] | 156 |
| U [mm] | 60 |
| Speed | |
| Speed Maximum [m/s] | 5 |
| Forces and Torques | |
| Fy [N] 10000 km | 1405 |
| Fz [N] 10000 km | 1650 |
| Mx [Nm] 10000 km | 64 |
| My [Nm] 10000 km | 77 |
| Mz [Nm] 10000 km | 76 |
| Fy [N] 5000 km | 1776 |
| Fz [N] 5000 km | 2090 |
| Mx [Nm] 5000 km | 81 |
| My [Nm] 5000 km | 97 |
| Mz [Nm] 5000 km | 96 |
| Geometrical moments of inertia of aluminum profile | |
| Elastic modulus [N/mm ²] | 70000 |
| Ix [mm ⁴] | 561000 |
| Iy [mm ⁴] | 3419000 |
| Weight | |
| Additional Weight per 100 mm [kg] | 0.71 |
| Basic Weight [kg] | 3.2 |