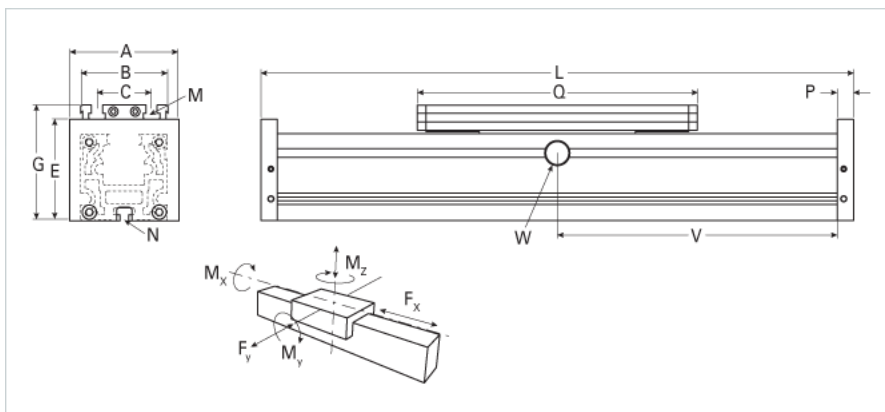


QLR 80 Extended Carriage

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| | |
|---|---------|
| Details | |
| Size | 80 |
| Dimensions | |
| Basic Length L [mm] | 290 |
| A [mm] | 100 |
| B [mm] | 80 |
| C [mm] | 50 |
| E [mm] | 93 |
| G [mm] | 106 |
| M | M8 |
| N | M6 |
| P [mm] | 17 |
| Q [mm] | 246 |
| Speed | |
| Speed Maximum [m/s] | 6 |
| Forces and Torques | |
| Fx dynamic [N] | - |
| Fy dynamic [N] | 1240 |
| Fz dynamic [N] | 1200 |
| Mx dynamic [Nm] | 40 |
| My dynamic [Nm] | 80 |
| Mz dynamic [Nm] | 60 |
| Fx static [N] | - |
| Fy static [N] | 1600 |
| Fz static [N] | 1500 |
| Mx static [Nm] | 50 |
| My static [Nm] | 100 |
| Mz static [Nm] | 75 |
| Geometrical moments of inertia of aluminum profile | |
| Elastic modulus [N/mm ²] | 70000 |
| Ix [mm ⁴] | 1650000 |
| Iy [mm ⁴] | 1870000 |
| Weight | |
| Additional Weight per 100 mm [kg] | 0.75 |
| Basic Weight [kg] | 4.2 |