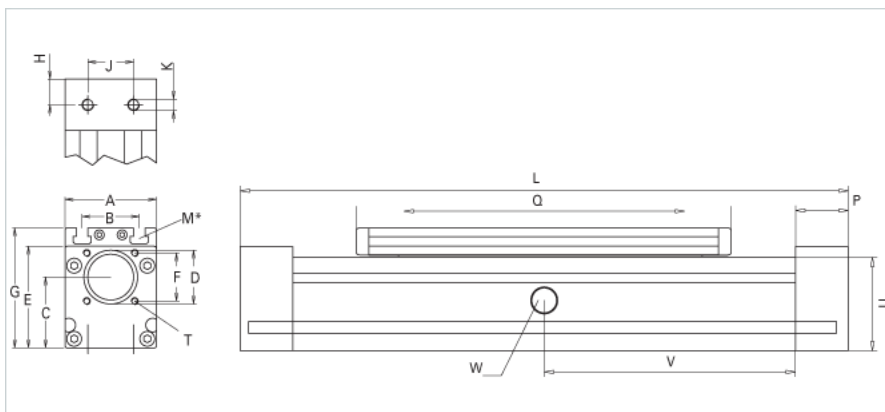


## QSSR 80 Extended Carriage

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|   |         |
|---|---------|
| <b>Details</b>  |         |
| Size  | 80      |
| <b>Dimensions</b>   |         |
| Basic Length L [mm]                                       | 436     |
| A [mm]  | 80      |
| B [mm]  | 50      |
| C [mm]  | 62      |
| D [mm]  | 47      |
| G [mm]  | 106     |
| H [mm]  | 22.5    |
| J [mm]  | 40      |
| K   | M10     |
| M   | M8      |
| P [mm]  | 45      |
| Q [mm]  | 336     |
| T   | M6      |
| U [mm]  | 80      |
| <b>Forces and Torques</b>                                 |         |
| Fy [N] 10000 km   | 2550    |
| Fz [N] 10000 km   | 6050    |
| Mx [Nm] 10000 km  | 75      |
| My [Nm] 10000 km  | 430     |
| Mz [Nm] 10000 km  | 392     |
| Fy [N] 5000 km  | 3570    |
| Fz [N] 5000 km  | 8500    |
| Mx [Nm] 5000 km   | 107     |
| My [Nm] 5000 km   | 604     |
| Mz [Nm] 5000 km   | 550     |
| <b>Geometrical moments of inertia of aluminum profile</b> |         |
| Elastic modulus [N/mm <sup>2</sup> ]                      | 70000   |
| Ix [mm <sup>4</sup> ]                                     | 1400000 |
| Iy [mm <sup>4</sup> ]                                     | 1660000 |
| <b>Weight</b>   |         |
| Weight Per 100 mm [kg]                                    | 0.8     |
| Basic Weight [kg]   | 5.7     |