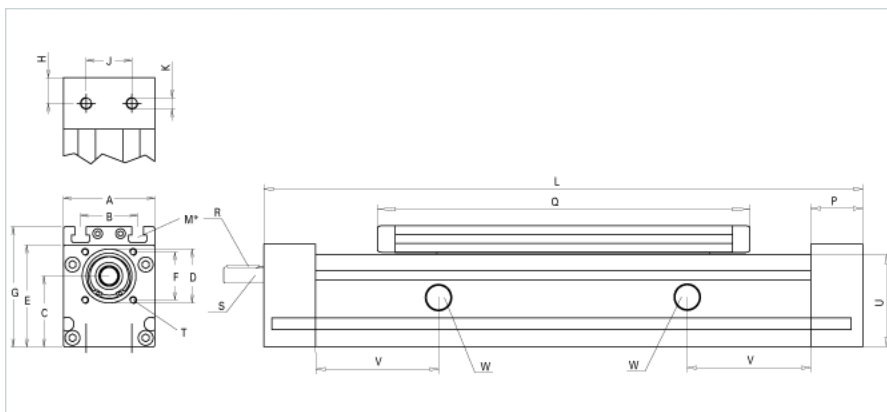


## QSKE 60 Extended Carriage

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| <b>Details</b>  |                  |
|---|------------------|
| Size  | 60               |
| Screw Options   | 16x5/16x10/16x16 |
| Screw Type  | Ball Screw       |
| <b>Dimensions</b>   |                  |
| Basic Length L [mm]                                       | 350              |
| A [mm]  | 61               |
| B [mm]  | 36               |
| C [mm]  | 45.5             |
| D [mm]  | 37               |
| E [mm]  | 67.5             |
| F [mm]  | 32               |
| G [mm]  | 80               |
| H [mm]  | 19               |
| J [mm]  | 18               |
| K   | M6               |
| N   | M6               |
| P [mm]  | 38               |
| Q [mm]  | 255              |
| Shaft R Key [mm]  | 3x3x25           |
| Shaft S Diameter x Length [mm]                            | 10h6x27          |
| T   | M5               |
| U [mm]  | 61               |
| <b>Forces and Torques</b>                                 |                  |
| Fx [N] 10000 km   | 800              |
| Fy [N] 10000 km   | 1010             |
| Fz [N] 10000 km   | 2510             |
| Mx [Nm] 10000 km  | 23               |
| My [Nm] 10000 km  | 143              |
| Mz [Nm] 10000 km  | 125              |
| Fx [N] 5000 km  | 900              |
| Fy [N] 5000 km  | 1415             |
| Fz [N] 5000 km  | 3525             |
| Mx [Nm] 5000 km   | 33               |
| My [Nm] 5000 km   | 190              |
| Mz [Nm] 5000 km   | 176              |
| <b>Geometrical moments of inertia of aluminum profile</b> |                  |
| Elastic modulus [N/mm <sup>2</sup> ]                      | 70000            |
| Ix [mm <sup>4</sup> ]                                     | 430000           |
| Iy [mm <sup>4</sup> ]                                     | 480000           |
| <b>Weight</b>   |                  |
| Weight Per 100 mm [kg]                                    | 0.5              |
| Basic Weight [kg]   | 4.1              |