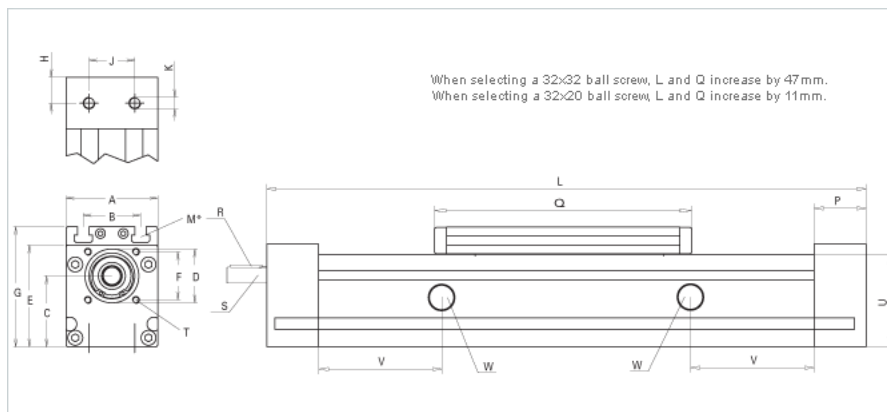
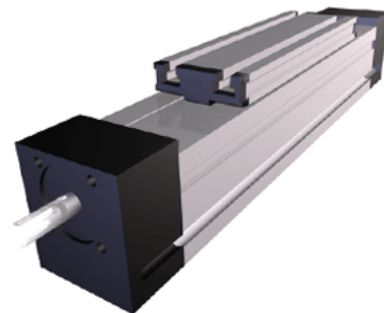


## QSK 100

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| <b>Details</b>  |                        |
|---|------------------------|
| Size  | 100                    |
| Screw Options   | 32x5/32x10/32x20/32x32 |
| Screw Type  | Ball Screw             |
| <b>Dimensions</b>   |                        |
| Basic Length L [mm]                                       | 410                    |
| A [mm]  | 100                    |
| B [mm]  | 66                     |
| C [mm]  | 75                     |
| D [mm]  | 68                     |
| E [mm]  | 112                    |
| F [mm]  | 60                     |
| G [mm]  | 129                    |
| H [mm]  | 28.5                   |
| J [mm]  | 50                     |
| K   | M10                    |
| M   | M10                    |
| P [mm]  | 57                     |
| Q [mm]  | 288                    |
| Shaft R Key [mm]  | 6x6x40                 |
| Shaft S Diameter x Length [mm]                            | 22h6x45                |
| T   | M8                     |
| U [mm]  | 100                    |
| <b>Forces and Torques</b>                                 |                        |
| Fx [N] 10000 km   | 4000                   |
| Fy [N] 10000 km   | 2910                   |
| Fz [N] 10000 km   | 7360                   |
| Mx [Nm] 10000 km  | 101                    |
| My [Nm] 10000 km  | 597                    |
| Mz [Nm] 10000 km  | 532                    |
| Fx [N] 5000 km  | 5000                   |
| Fy [N] 5000 km  | 4082                   |
| Fz [N] 5000 km  | 10300                  |
| Mx [Nm] 5000 km   | 142                    |
| My [Nm] 5000 km   | 838                    |
| Mz [Nm] 5000 km   | 745                    |
| <b>Geometrical moments of inertia of aluminum profile</b> |                        |
| Elastic modulus [N/mm <sup>2</sup> ]                      | 70000                  |
| Ix [mm <sup>4</sup> ]                                     | 4300000                |
| Iy [mm <sup>4</sup> ]                                     | 4880000                |
| <b>Weight</b>   |                        |
| Weight Per 100 mm [kg]                                    | 1.3                    |
| Basic Weight [kg]   | 14.8                   |
| <b>Motor Details</b>                                      |                        |
| Weight Per 100 mm [kg]                                    | 1.3                    |
| <b>Weight</b>   |                        |
| Basic Weight [kg]   | 14.8                   |