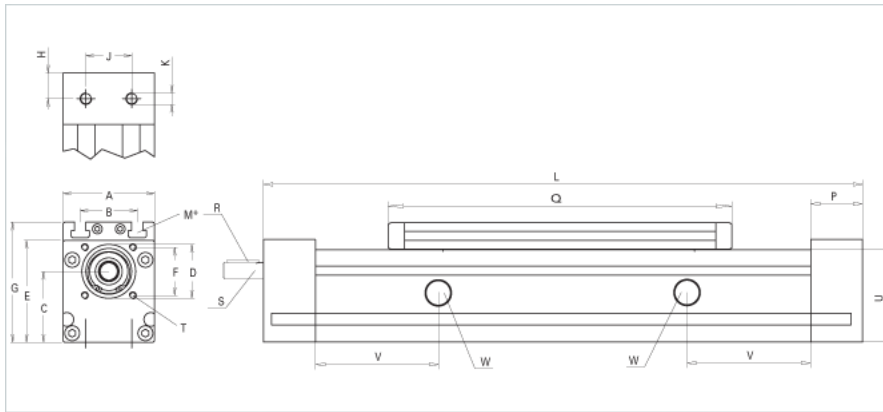
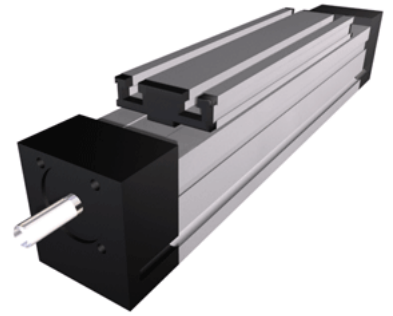


## QST 60 Extended Carriage

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<b>Details</b>	
Size	60
Screw Options	18x4/18x8
Screw Type	Trapexoidal
<b>Dimensions</b>	
Basic Length L [mm]	350
A [mm]	60
B [mm]	36
C [mm]	45
D [mm]	37
E [mm]	67
F [mm]	32
G [mm]	79
H [mm]	19
J [mm]	18
K	M6
M	M6
P [mm]	38
Q [mm]	255
Shaft R Key [mm]	3x3x25
Shaft S Diameter x Length [mm]	10h6x27
T	M5
U [mm]	60
<b>Forces and Torques</b>	
F <sub>x</sub> [N] 10000 km	800
F <sub>y</sub> [N] 10000 km	1010
F <sub>z</sub> [N] 10000 km	2510
M <sub>x</sub> [Nm] 10000 km	23
M <sub>y</sub> [Nm] 10000 km	143
M <sub>z</sub> [Nm] 10000 km	125
F <sub>x</sub> [N] 5000 km	900
F <sub>y</sub> [N] 5000 km	1415
F <sub>z</sub> [N] 5000 km	3525
M <sub>x</sub> [Nm] 5000 km	33
M <sub>y</sub> [Nm] 5000 km	190
M <sub>z</sub> [Nm] 5000 km	176
<b>Geometrical moments of inertia of aluminum profile</b>	
Elastic modulus [N/mm <sup>2</sup> ]	70000
I <sub>x</sub> [mm <sup>4</sup> ]	430000
I <sub>y</sub> [mm <sup>4</sup> ]	480000
<b>Weight</b>	
Weight Per 100 mm [kg]	0.5
Basic Weight [kg]	4.1