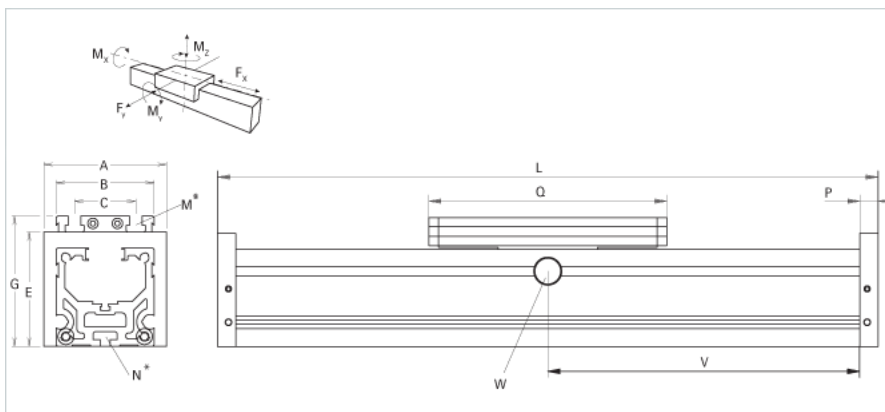


## QSR 60

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<b>Details</b>	
Size	60
<b>Dimensions</b>	
Basic Length L [mm]	205
A [mm]	80
B [mm]	60
C [mm]	36
E [mm]	60
G [mm]	79
M	M6
N	M5
P [mm]	12
Q [mm]	177
<b>Speed</b>	
Speed Maximum [m/s]	5
<b>Forces and Torques</b>	
F <sub>x</sub> [N] 10000 km	-
F <sub>y</sub> [N] 10000 km	990
F <sub>z</sub> [N] 10000 km	2500
M <sub>x</sub> [Nm] 10000 km	23
M <sub>y</sub> [Nm] 10000 km	73
M <sub>z</sub> [Nm] 10000 km	70
F <sub>x</sub> [N] 5000 km	-
F <sub>y</sub> [N] 5000 km	1410
F <sub>z</sub> [N] 5000 km	3520
M <sub>x</sub> [Nm] 5000 km	33
M <sub>y</sub> [Nm] 5000 km	104
M <sub>z</sub> [Nm] 5000 km	100
<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>	
Additional Weight per 100 mm [kg]	0.50
Basic Weight [kg]	1.8