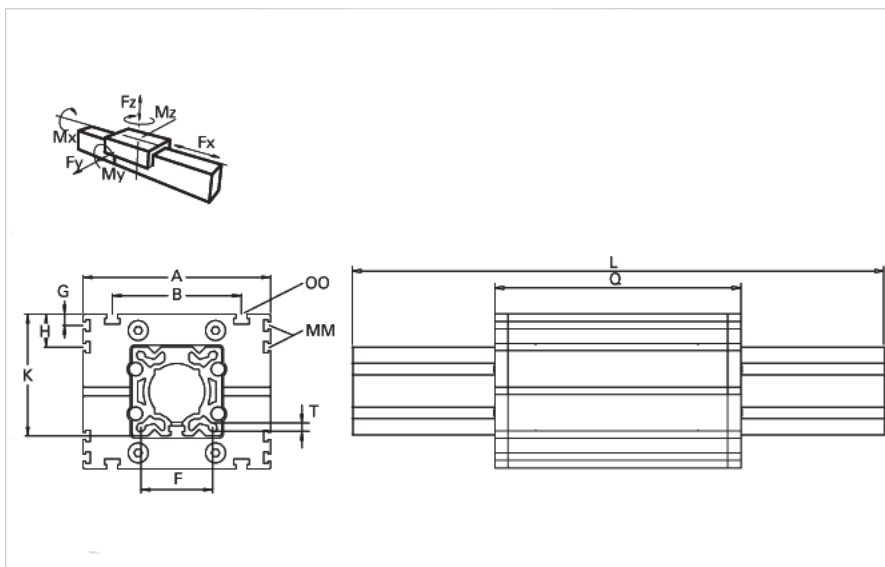
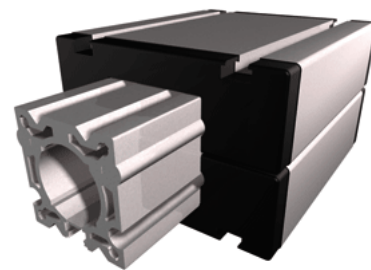


## ER 80S WAC

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|   |         |
|---|---------|
| <b>Details</b>  |         |
| Size  | 80S     |
| <b>Dimensions</b>   |         |
| Basic Length L [mm]                                       | 238     |
| A [mm]  | 190     |
| B [mm]  | 126     |
| F [mm]  | 64      |
| G [mm]  | 12.5    |
| H [mm]  | 30      |
| J   | M6-M10  |
| K [mm]  | 111     |
| MM  | M6      |
| OO  | M8      |
| Q [mm]  | 234     |
| T-Diameter  | M8      |
| <b>Forces and Torques</b>                                 |         |
| Fx dynamic [N]  | -       |
| Fy dynamic [N]  | 2600    |
| Fz dynamic [N]  | 1800    |
| Mx dynamic [Nm]   | 140     |
| My dynamic [Nm]   | 230     |
| Mz dynamic [Nm]   | 220     |
| Fx static [N]   | -       |
| Fy static [N]   | 4600    |
| Fz static [N]   | 3000    |
| Mx static [Nm]  | 170     |
| My static [Nm]  | 270     |
| Mz static [Nm]  | 300     |
| <b>Geometrical moments of inertia of aluminum profile</b> |         |
| Elastic modulus [N/mm <sup>2</sup> ]                      | 70000   |
| Ix [mm <sup>4</sup> ]                                     | 1899000 |
| Iy [mm <sup>4</sup> ]                                     | 1897000 |
| <b>Weight</b>   |         |
| Additional Weight per 100 mm [kg]                         | 0.90    |
| Basic Weight [kg]   | 4.7     |