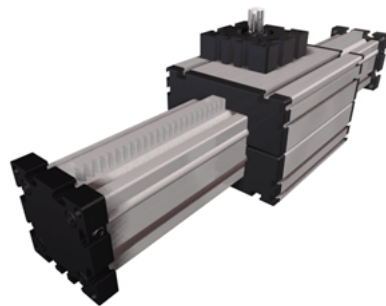
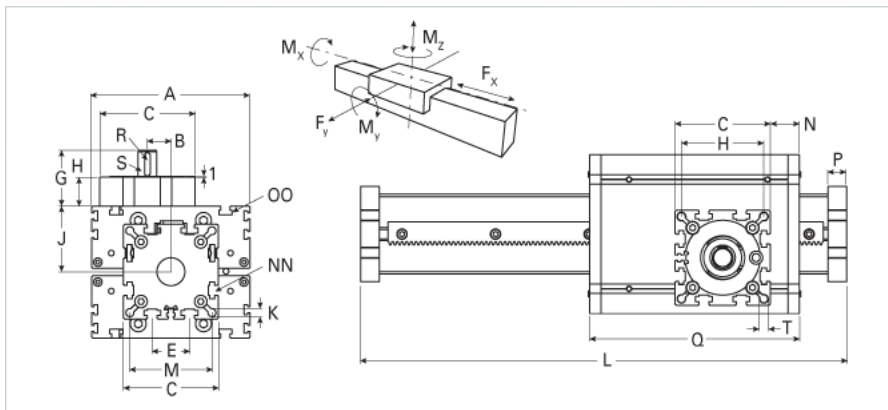


## ELZQ 80S h6 WAC

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### Details

Size 80S

### Dimensions

|                     |      |
|---------------------|------|
| Basic Length L [mm] | 300  |
| A [mm]              | 190  |
| B [mm]              | 25.5 |
| C [mm]              | 102  |
| D [mm]              | 80   |
| E [mm]              | 40   |
| G [mm]              | 62.5 |
| H [mm]              | 33   |
| J [mm]              | 71   |
| K [mm]              | 8.5  |
| M [mm]              | 88   |
| N [mm]              | 25   |
| NN                  | M10  |
| OO                  | M8   |
| P [mm]              | 20   |
| Q [mm]              | 254  |
| T                   | M10  |

### Speed

Speed Maximum [m/s] 4

### Forces and Torques

|                 |      |
|-----------------|------|
| Fx dynamic [N]  | 1400 |
| Fy dynamic [N]  | 3600 |
| Fz dynamic [N]  | 1800 |
| Mx dynamic [Nm] | 140  |
| My dynamic [Nm] | 230  |
| Mz dynamic [Nm] | 220  |
| Fx static [N]   | 1800 |
| Fy static [N]   | 4600 |
| Fz static [N]   | 3000 |
| Mx static [Nm]  | 170  |
| My static [Nm]  | 270  |
| Mz static [Nm]  | 300  |

### Geometrical moments of inertia of aluminum profile

|                                      |         |
|--------------------------------------|---------|
| Elastic modulus [N/mm <sup>2</sup> ] | 70000   |
| Ix [mm <sup>4</sup> ]                | 1899000 |
| Iy [mm <sup>4</sup> ]                | 1897000 |

### Weight

|                                   |      |
|-----------------------------------|------|
| Additional Weight per 100 mm [kg] | 1.19 |
| Basic Weight [kg]                 | 12.0 |