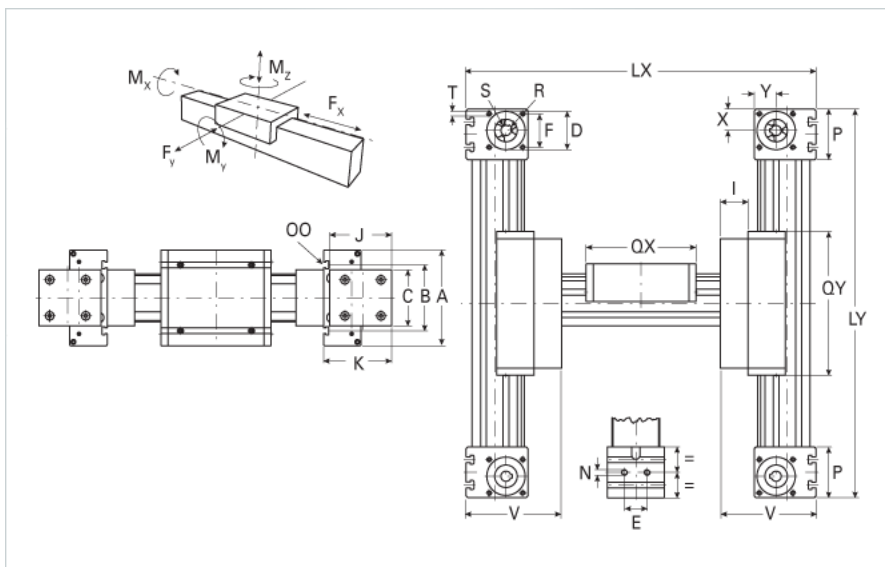


## ELZU 60S

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| Details                        |         |
|--------------------------------|---------|
| Size                           | 60S     |
| Belt                           | 5M25    |
| mm/Rev                         | 130     |
| Number of Teeth                | 26      |
| Pully Diameter [mm]            | 41.4    |
| Dimensions                     |         |
| Basic length Lx [mm]           | 450     |
| Basic length Ly [mm]           | 330     |
| A [mm]                         | 170     |
| B [mm]                         | 108     |
| C [mm]                         | 80      |
| D [mm]                         | 47      |
| E [mm]                         | 30      |
| F [mm]                         | 42      |
| G [mm]                         | -       |
| H [mm]                         | -       |
| I [mm]                         | 33      |
| J [mm]                         | 82      |
| K [mm]                         | 94      |
| MM                             | -       |
| N                              | M8      |
| OO                             | M8      |
| P [mm]                         | 59      |
| Qx [mm]                        | 194     |
| Qy [mm]                        | 210     |
| T                              | M6      |
| V [mm]                         | 127     |
| X [mm]                         | 26      |
| Y [mm]                         | 26      |
| Shaft Diameter and Length [mm] | 14 x 35 |
| Key                            | 5x5x28  |
| Speed                          |         |
| Speed Maximum [m/s]            | 5       |
| Forces and Torques             |         |
| No-load torque [Nm]            | 1.2     |
| Tensile force 0.2 sec [N]      | 1000    |
| Tensile force permanent [N]    | 900     |
| Fx dynamic [N]                 | 800     |
| Fy dynamic [N]                 | 3100    |
| Fz dynamic [N]                 | 1600    |
| Mx dynamic [Nm]                | 65      |
| My dynamic [Nm]                | 140     |
| Mz dynamic [Nm]                | 170     |
| Fx static [N]                  | 894     |
| Fy static [N]                  | 4100    |
| Fz static [N]                  | 2160    |

|   |        |
|---|--------|
| Mx static [Nm]  | 88     |
| My static [Nm]  | 190    |
| Mz static [Nm]  | 230    |
| <b>Geometrical moments of inertia of aluminum profile</b> |        |
| Elastic modulus [N/mm <sup>2</sup> ]                      | 70000  |
| Ix [mm <sup>4</sup> ]                                     | 679000 |
| Iy [mm <sup>4</sup> ]                                     | 697000 |
| <b>Weight</b>   |        |
| Additional Weight per 100 mm [kg]                         | 0.62   |
| Basic Weight [kg]   | 17.7   |