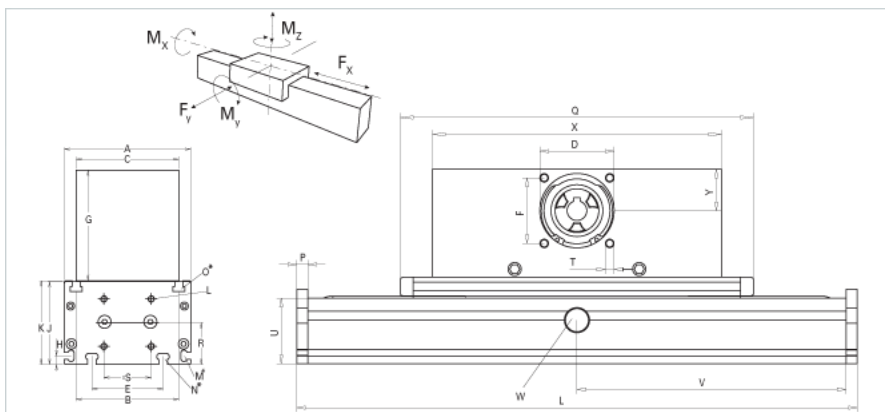
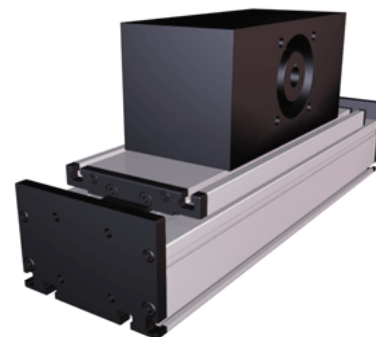


DSSZ 120 Extended Carriage

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| Details | |
|---|---------|
| Size | 120 |
| Belt | 8M30 |
| mm/Rev | 192 |
| Number of Teeth | 24 |
| Pully Diameter [mm] | 61.1 |
| Dimensions | |
| Basic Length L [mm] | 230 |
| A [mm] | 120 |
| B [mm] | 96 |
| C [mm] | 100 |
| D [mm] | 68 |
| E [mm] | 78 |
| F [mm] | 60 |
| G [mm] | 100 |
| H [mm] | 10 |
| J [mm] | 78 |
| K [mm] | 79 |
| L [mm] | M6 |
| M | M5 |
| N | M6 |
| O | M6 |
| P [mm] | 10 |
| Q [mm] | 200 |
| R [mm] | 39 |
| S [mm] | 42 |
| T | M8 |
| U [mm] | 60 |
| X [mm] | 180 |
| Y [mm] | 39 |
| Shaft Diameter and Length [mm] | 18 x 45 |
| Key | 6x6x40 |
| Speed | |
| Speed Maximum [m/s] | 5 |
| Forces and Torques | |
| Fx [N] 10000 km | 1800 |
| Fy [N] 10000 km | 1405 |
| Fz [N] 10000 km | 1650 |
| Mx [Nm] 10000 km | 64 |
| My [Nm] 10000 km | 77 |
| Mz [Nm] 10000 km | 76 |
| Fx [N] 5000 km | 1900 |
| Fy [N] 5000 km | 1776 |
| Fz [N] 5000 km | 2090 |
| Mx [Nm] 5000 km | 81 |
| My [Nm] 5000 km | 97 |
| Mz [Nm] 5000 km | 96 |
| No-load torque [Nm] | 1.4 |
| Tensile force 0.2 sec [N] | 2090 |
| Tensile force permanent [N] | 1900 |
| Geometrical moments of inertia of aluminum profile | |
| Elastic modulus [N/mm ²] | 70000 |
| Ix [mm ⁴] | 461000 |

| | |
|-----------------------------------|---------|
| ly [mm ⁴] | 3419000 |
| Weight | |
| Additional Weight per 100 mm [kg] | 1.80 |
| Basic Weight [kg] | 1.2 |