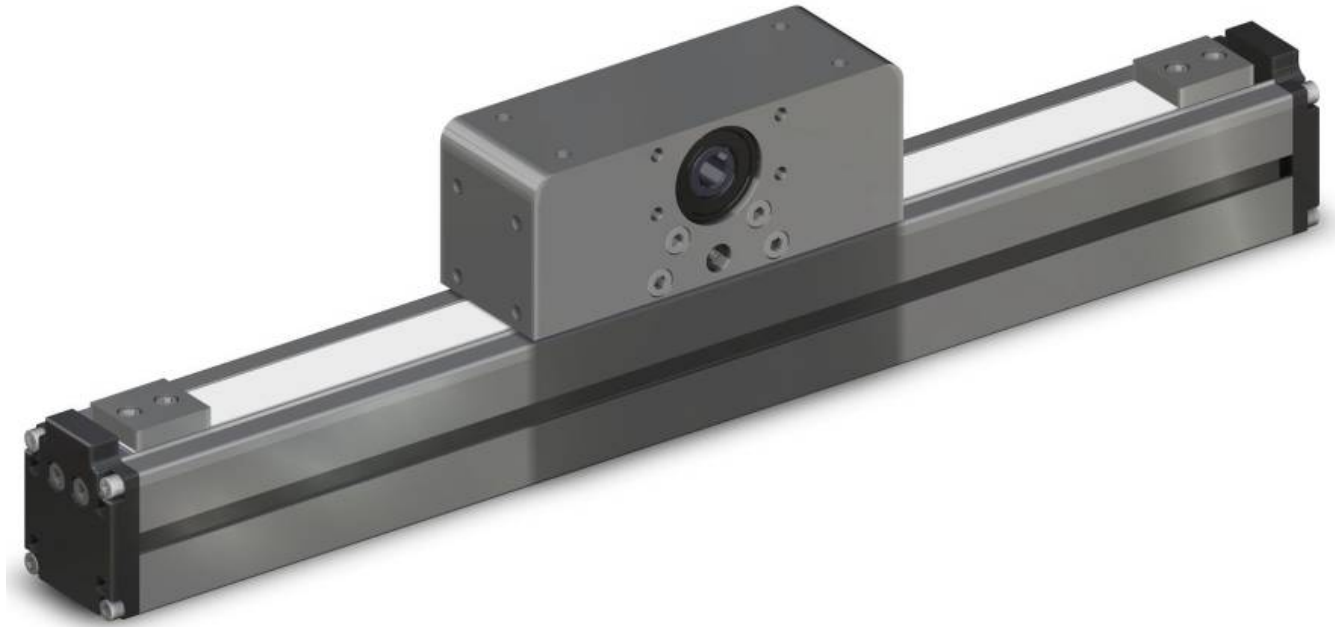
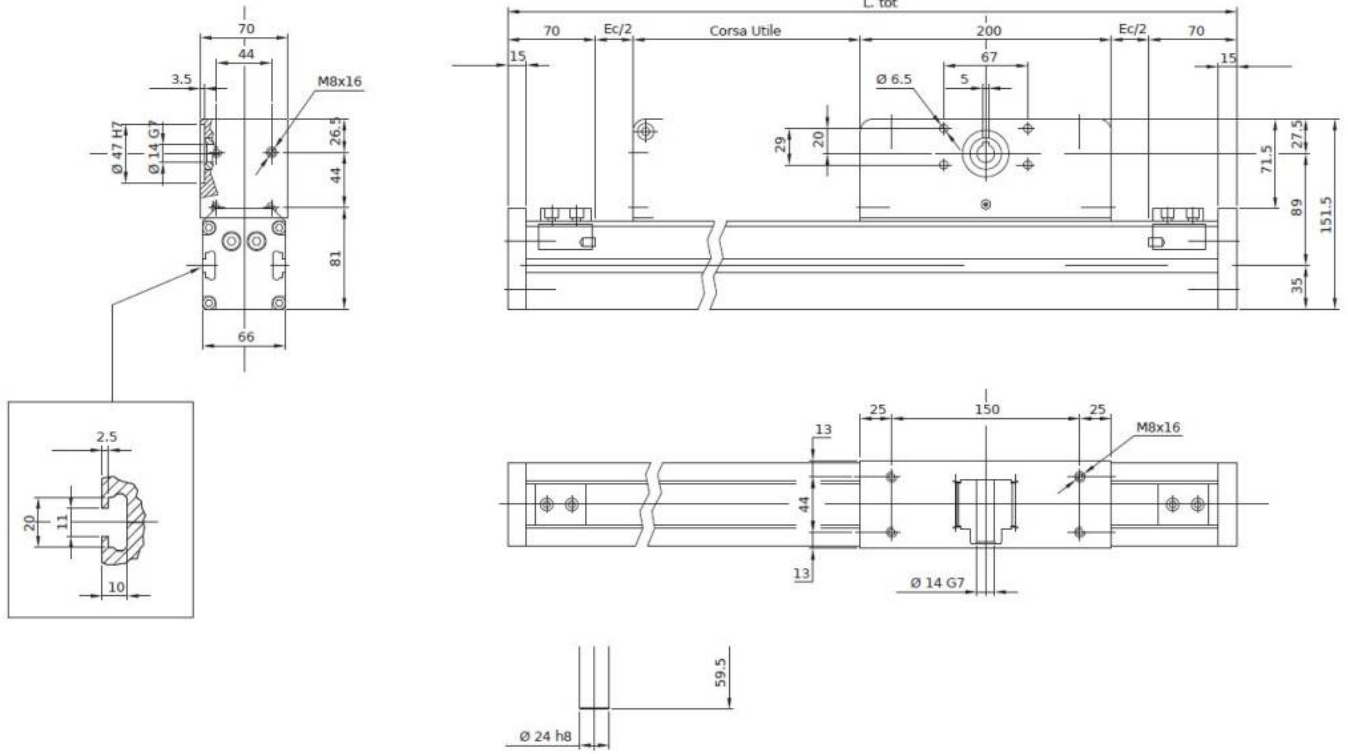


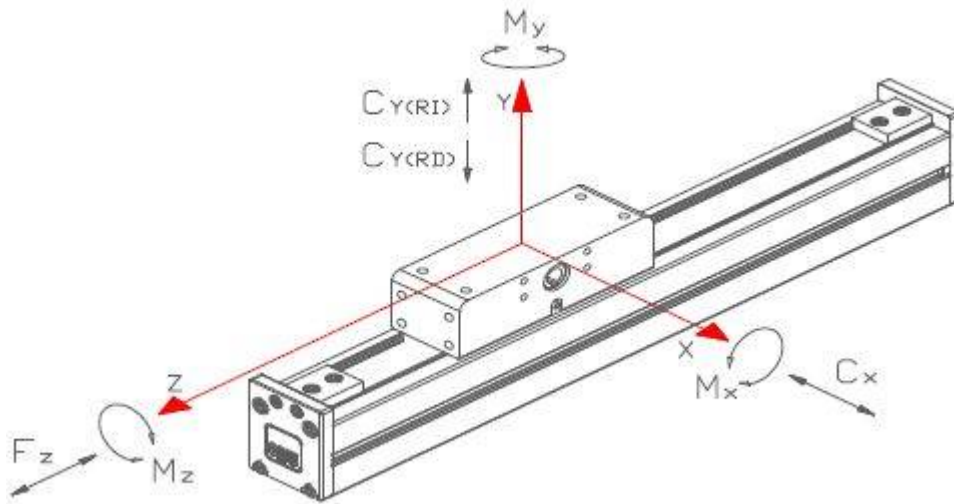
ULCV 66



Mechanical Drawing



Load Rating



| Fz [daN] | Cx [daN] | Cy [daN] (*) | C_{ox} [daN] | C_{oy} [daN] (*) | M_{ox} [daNm] | M_{oy} [daNm] | M_{oz} [daNm] |
|-----------------|-----------------|--------------------------------|-----------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|
| 110 | 1904 | 1904 ↓ 1904 ↑ | 3091 | 3091 ↓ 3091 ↑ | 253 | 253 | 20,2 |

Technical data

| Parameter | Symbol | Value | Unit |
|-------------------|---------------|--------------|-------------|
| Max usable stroke | | 6500 | mm |
| Total lenght | Ltot | C+Lc+340 | mm |

| | | | |
|---------------------------------------|----------------|---------------------------------|--------------------|
| Carriage length | Lc | 200 | mm |
| Carriage usable length | Lu | 200 | mm |
| Extra-stroke (safety) | Ec | 60 | mm |
| Max speed | | 250 | m/min |
| Max acceleration | | 100 | m/sec ² |
| Position repeatability | | < 0.05 | mm |
| Aluminium profile section | | 66 x 70 | mm |
| Inertia momentum of aluminium profile | I _x | 944288 | mm ⁴ |
| Inertia momentum of aluminium profile | I _y | 993457 | mm ⁴ |
| Type of mechanic | | linear guide with compact block | |
| Belt type | | Poliuretán HTD-5M-17 | |
| Pulley teeth number | | 30 | |
| Diameter | | 47,75 | mm |
| Linear movement per rotation | | 180 | mm |
| Operating temperature | | -20 / +60 | degrees |

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