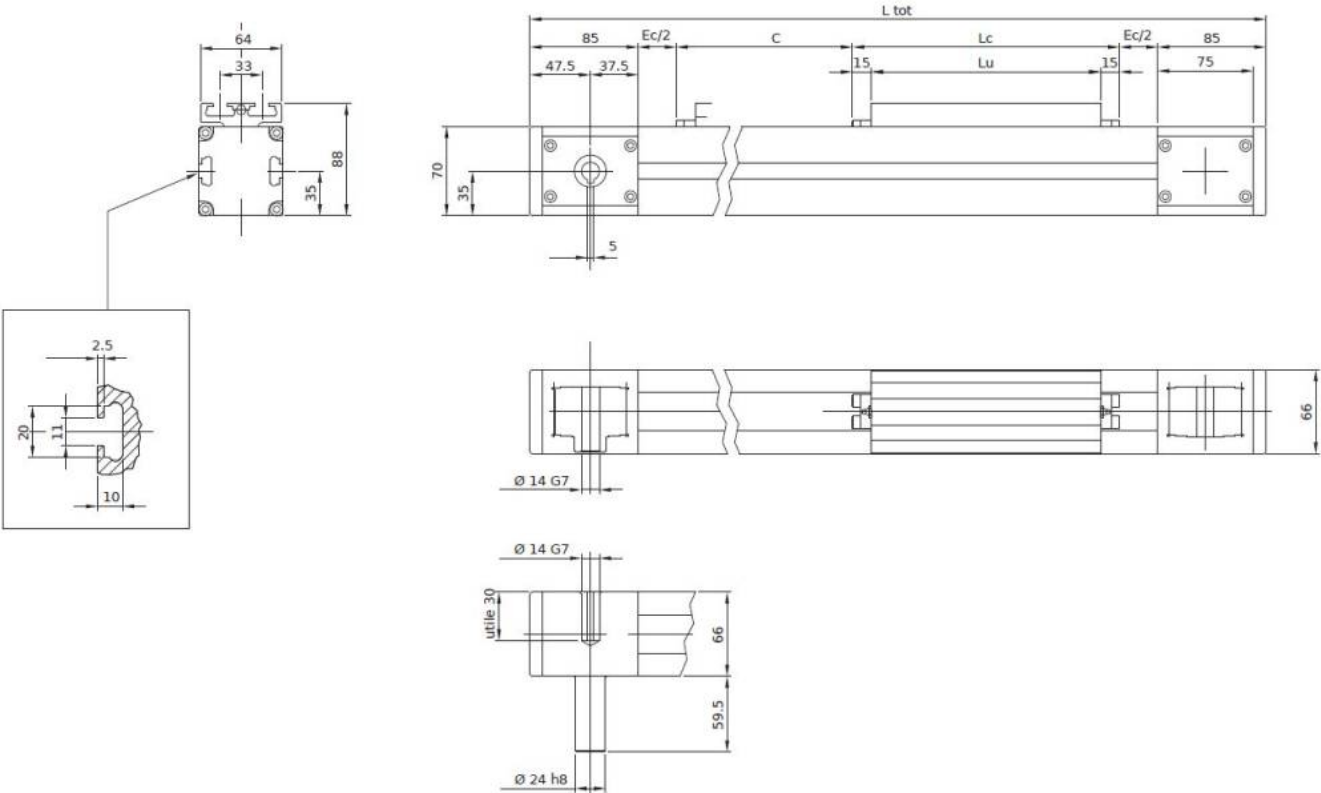


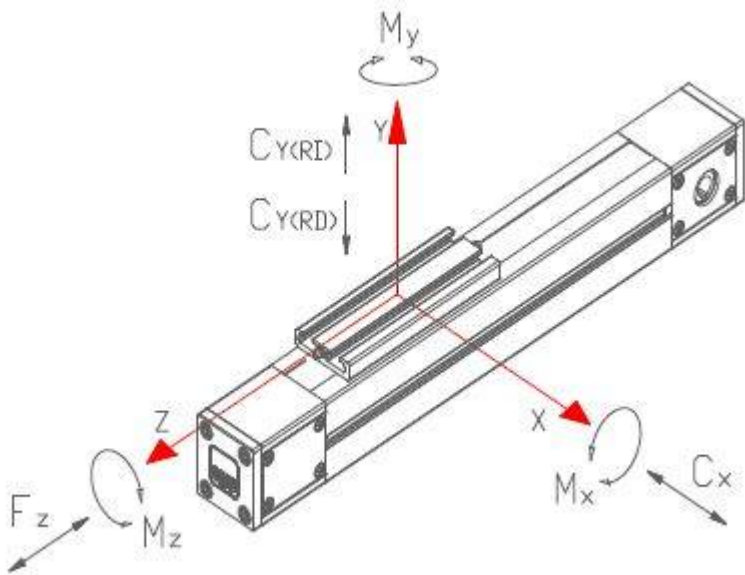
# ULCO 66



## Mechanical Drawing



Load rating



| Fz [daN] | Cx [daN] | Cy [daN] (*)   | Cox [daN] | Coy [daN] (*)  | MoX [daNm] | MoY [daNm] | MoZ [daNm] |
|----------|----------|----------------|-----------|----------------|------------|------------|------------|
| 220      | 1904     | 1904↓<br>1904↑ | 3091      | 3091↓<br>3091↑ | 253        | 253        | 20,2       |

Technical Data

| Parameter         | Symbol | Value | Unit |
|-------------------|--------|-------|------|
| Max usable stroke |        | 6500  | mm   |

|                                       |      |                                 |                  |
|---------------------------------------|------|---------------------------------|------------------|
| Total length                          | Ltot | C+Lc+230                        | mm               |
| Carriage length                       | Lc   | 250                             | mm               |
| Carriage usable length                | Lu   | 220                             | mm               |
| Extra-stroke (safety)                 | Ec   | 60                              | mm               |
| Max speed                             |      | 250                             | m/min            |
| Max acceleration                      |      | 100                             | m/s <sup>2</sup> |
| Position repeatability                |      | < 0.05                          | mm               |
| Aluminium profile section             |      | 66 x 70                         | mm               |
| Inertia momentum of aluminium profile | Ix   | 944288                          | mm <sup>4</sup>  |
| Inertia momentum of aluminium profile | Iy   | 993457                          | mm <sup>4</sup>  |
| Type of mechanic                      |      | linear guide with compact block |                  |
| Belt type                             |      | Poliuretan HTD-5M-34            |                  |
| Pulley teeth number                   |      | 36                              |                  |
| Diameter                              |      | 57.32                           | mm               |
| Linear movement per rotation          |      | 180                             | mm               |
| Operating temperature                 |      | -20 / +60                       | degrees          |

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