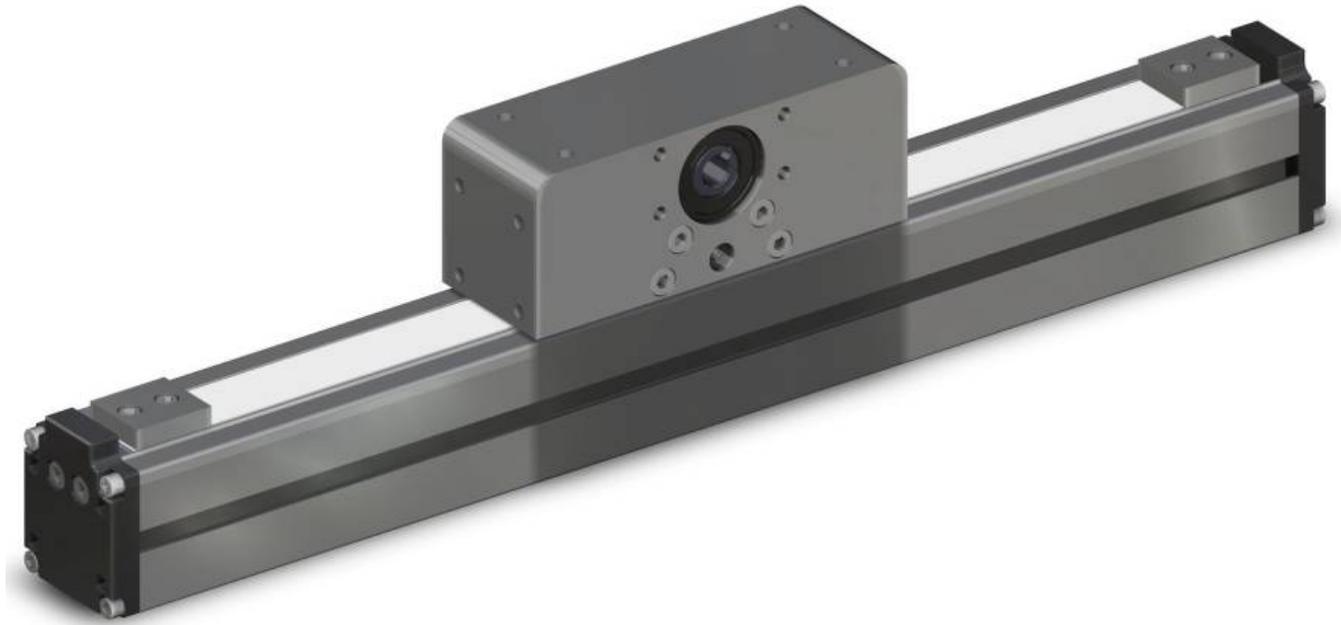
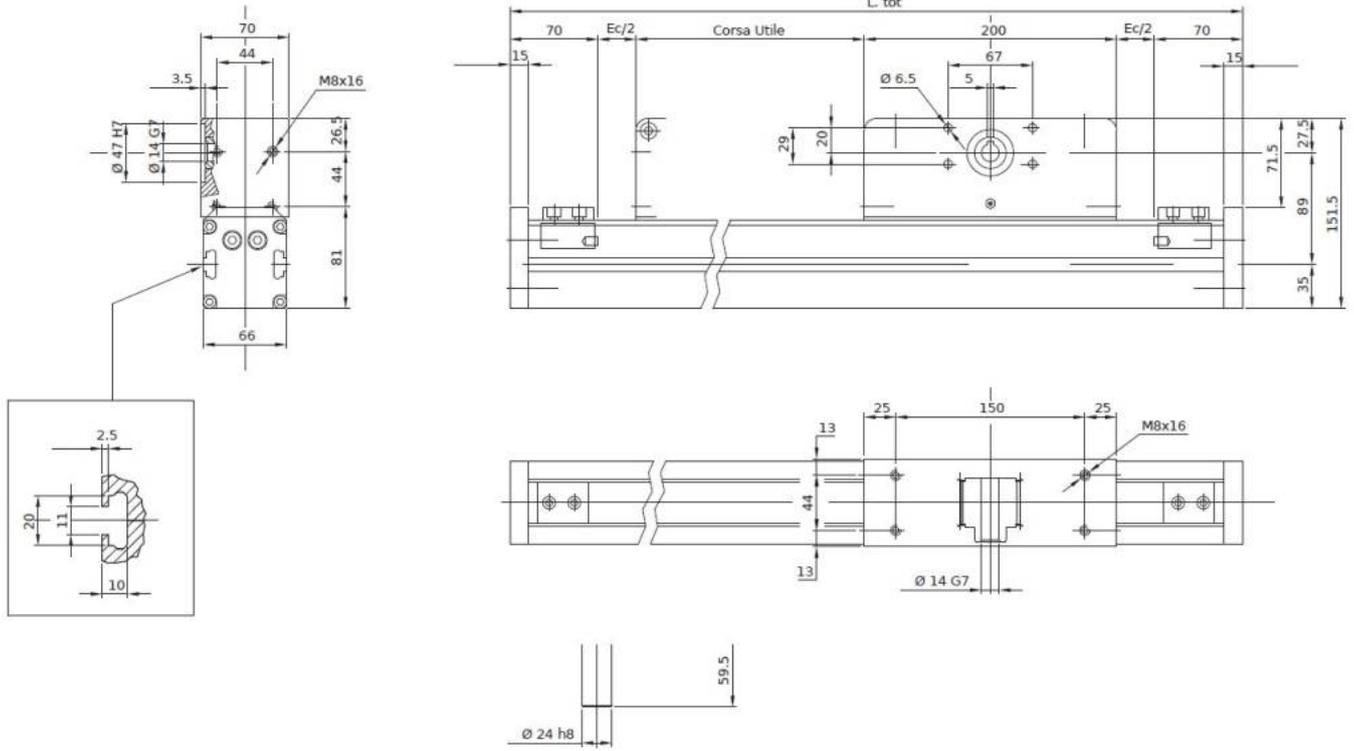


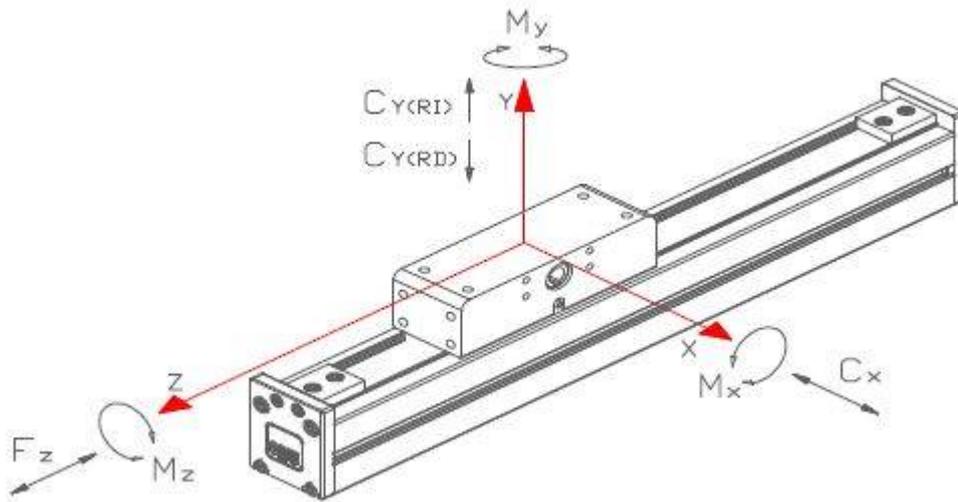
ULCV 66



Mechanical Drawing



Load Rating



F_z [daN]	C_x [daN]	C_y [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

From:
<https://www.nilab.at/dokuwiki/> - **NiLAB GmbH**
Knowledgebase

Permanent link:
<https://www.nilab.at/dokuwiki/doku.php?id=ulco:ulcv-66>

Last update: **2025/07/24 13:35**

