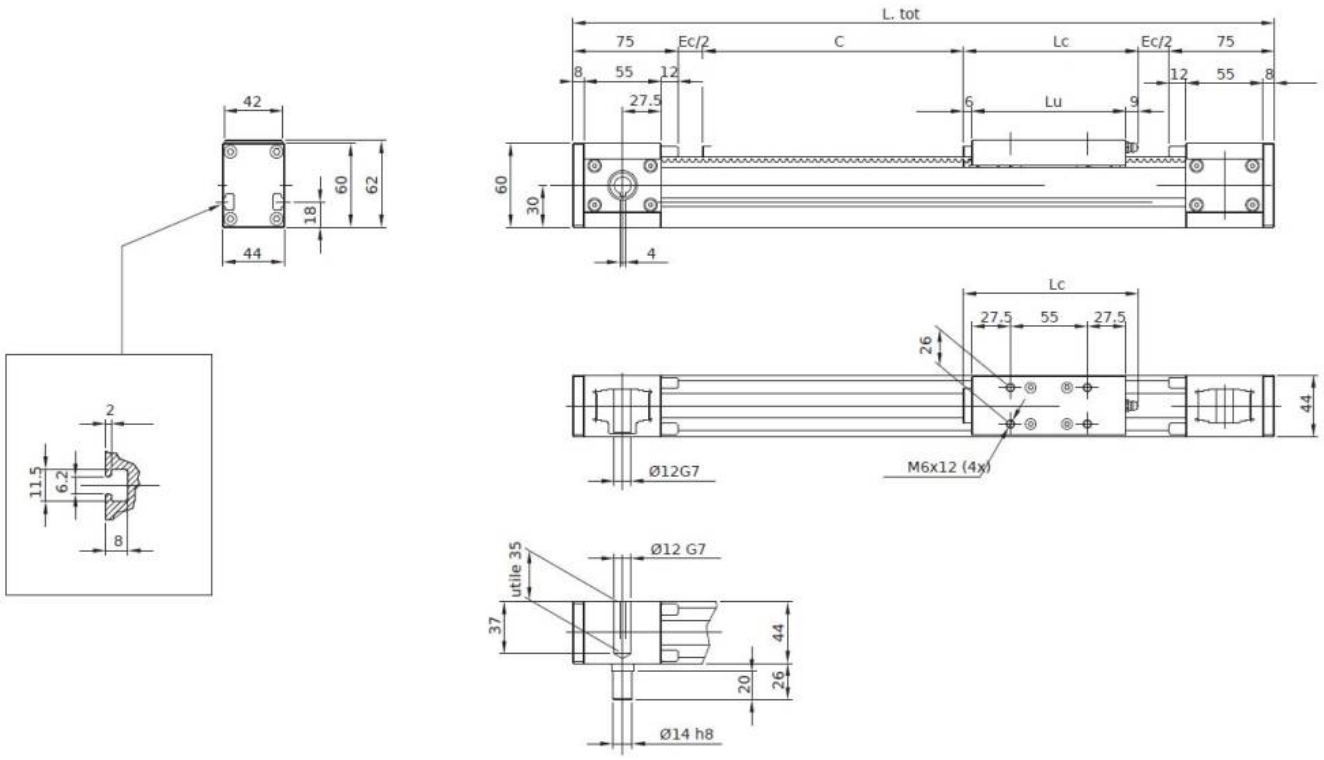
ULCO 44

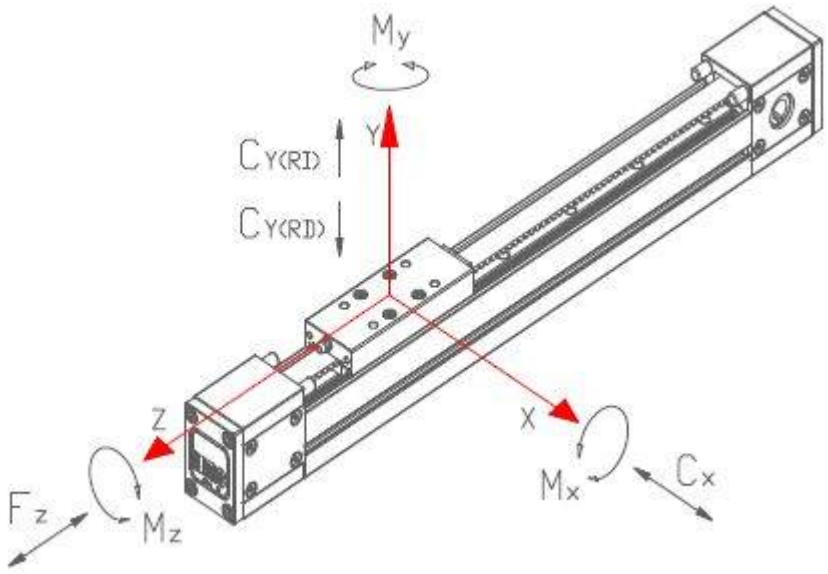
Performance in a small size, ideal for small power application with limited space. Good load rating.



Mechanical Drawing



Load rating



Fz [daN]	Cx [daN]	Cy [daN] (*)	C$_o$x [daN]	C$_o$y [daN] (*)	M$_o$x [daNm]	M$_o$y [daNm]	M$_o$z [daNm]
105	1190	1190↓ 1190↑	1932	1932↓ 1932↑	7,3	7,3	10,1

Technical data

Parameter	Symbol	Value	Unit
Max usable stroke		6500	mm

Total length	Ltot	C+Lc+210	mm
Carriage length	Lc	125	mm
Carriage usable length	Lu	110	mm
Extra-stroke (safety)	Ec	60	mm
Max speed		250	m/min
Max acceleration		100	m/s^2
Position repeatability		< 0.05	mm
Aluminium profile section		44 x 43	mm
Inertia momentum of aluminium profile	Ix	93110	mm4
Inertia momentum of aluminium profile	Iy	162710	mm4
Type of mechanic		linear guide with compact block	
Belt type		Poliuretan HTD-5M-17	
Pulley teeth number		24	
Diameter		38,2	mm
Linear movement per rotation		120	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=en:ulco:ulco-44

Last update: **2026/09/11 07:59**