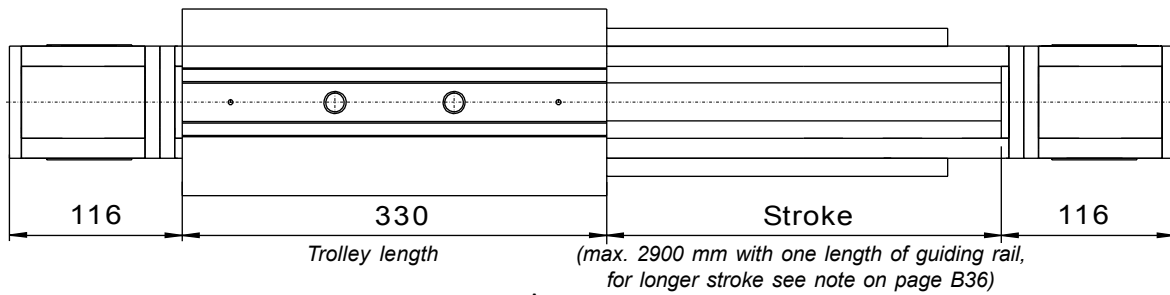
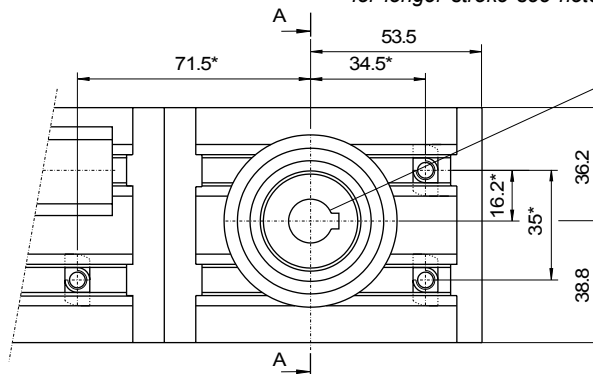


# ED75



\* Position of the T-nuts of our interfaces plates (see pages B32 and B33).

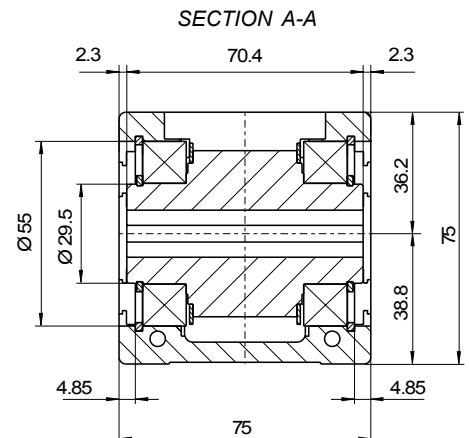
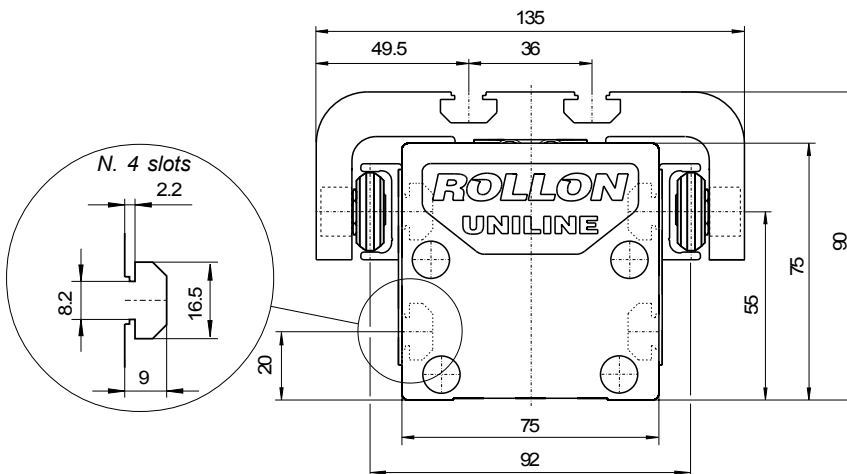


Housing for shaft  $\varnothing 14$  h7 with 5x5 key slot \*\*

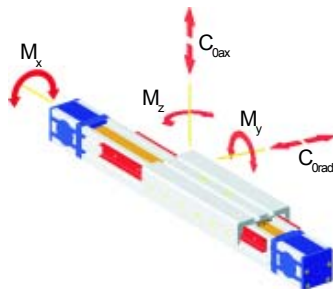
\*\* In the inch versions (order code suffix "P"), the shaft housing is  $\varnothing 5/8$ " with 3/16" x 3/16" key slot.

**SPECIAL VERSIONS (upon request):**

- $\varnothing 16$  h7 with 5x5 keyway
- $\varnothing 19$  h7 with 6x6 keyway
- $\varnothing 14$  h7 for 14x18 compression coupling
- $\varnothing 19$  h7 for 19x24 compression coupling



## LOAD CAPACITIES



$C_{0rad}$ [N]	$C_{0ax}$ [N]	$M_x$ [Nm]	$M_y$ [Nm]	$M_z$ [Nm]
5500	8700	400.2	696	240

Note: radial load  $C_{0rad}$  is considered to be applied along the axis of the internal rail (see page B5).

## OTHER FEATURES

Moment of inertia $I_y$ [cm <sup>4</sup> ]	127	Type of slider	CSW43 spec. / CSW28 spec.
Moment of inertia $I_z$ [cm <sup>4</sup> ]	172	Pitch diameter of pulley [m]	0.05093
Max speed [m/s]	5	Moment of inertia of mass of each pulley [gmm <sup>2</sup> ]	139969
Weight of unit with stroke zero [g]	9850	Mass of belt [g/m]	185
Weight of unit per meter [g]	14400	Max. Belt Tractive Force $F_{max}$ [N]	4480
Mass of slider [g]	3770	Standard belt tension [N]	1000
Stroke for shaft revolution [mm]	160	Standard starting loadless torque [Nm]	1.5
Type of guiding rail	ULV43/ULV28	Belt length [m]	2 x stroke (in m)+ 0.920