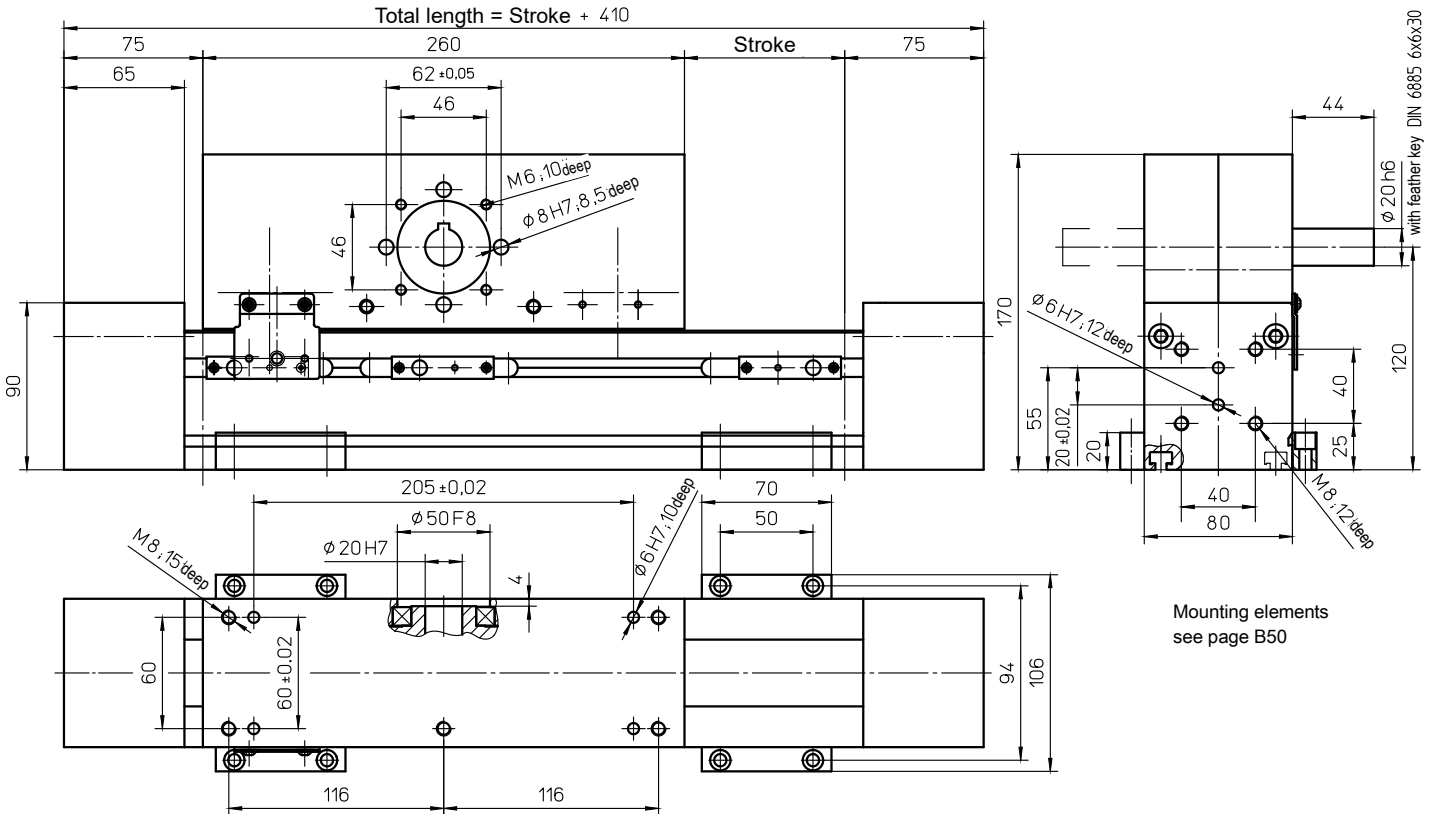


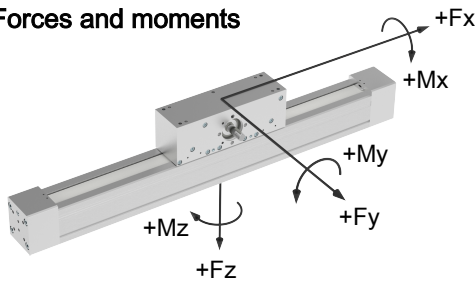
with toothed belt drive and roller guide (ARS) or rail guide (ASS)



Weights	ARS	ASS
Basic length without stroke:	10.80 kg	12.10 kg
100 mm stroke:	0.63 kg	0.96 kg
Entire carriage 260 mm:	6.30 kg	6.30 kg
Max. total length: (longer on request)	8000 mm	

Technical Data	ARS	ASS
Max. speed:	8.00 m/s	5.00 m/s
Max. acceleration:	40 m/s ²	
Repeat accuracy:	± 0.08 mm	
Idle torque:	1.80 Nm	
Moment of inertia:	9.20 · 10 ⁻³ kgm ² 8.60 · 10 ⁻³ kgm ²	
Drive element:	Toothed belt 32 AT10	
Stroke per revolution:	220 mm	

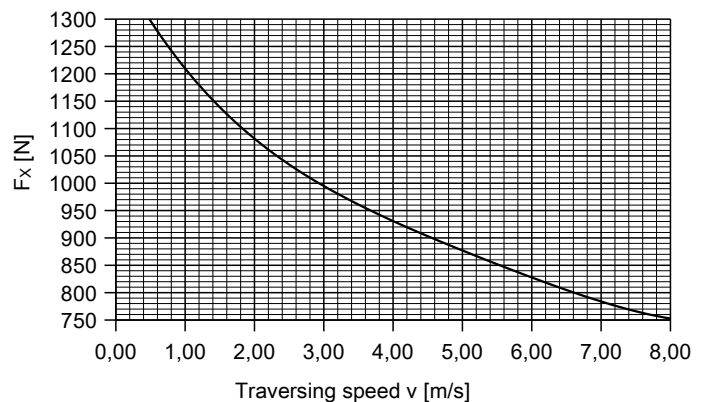
Forces and moments



	ARS	ASS
Forces	Dynamic [N]	
F _x ^{d)}	1300	
F _y	1000	1600
F _z	2500	4000
-F _z	1500	3000
Moments	Dynamic [Nm]	
M _x	100	300
M _y	300	500
M _z	180	500

^{d)} Maximum value (see diagram "F_x-v-Diagram")

F_x - v - Diagram



For mechanical linear drives with roller guide, the static load rating "C_{stat}" (page TL 11) applies for static loads.