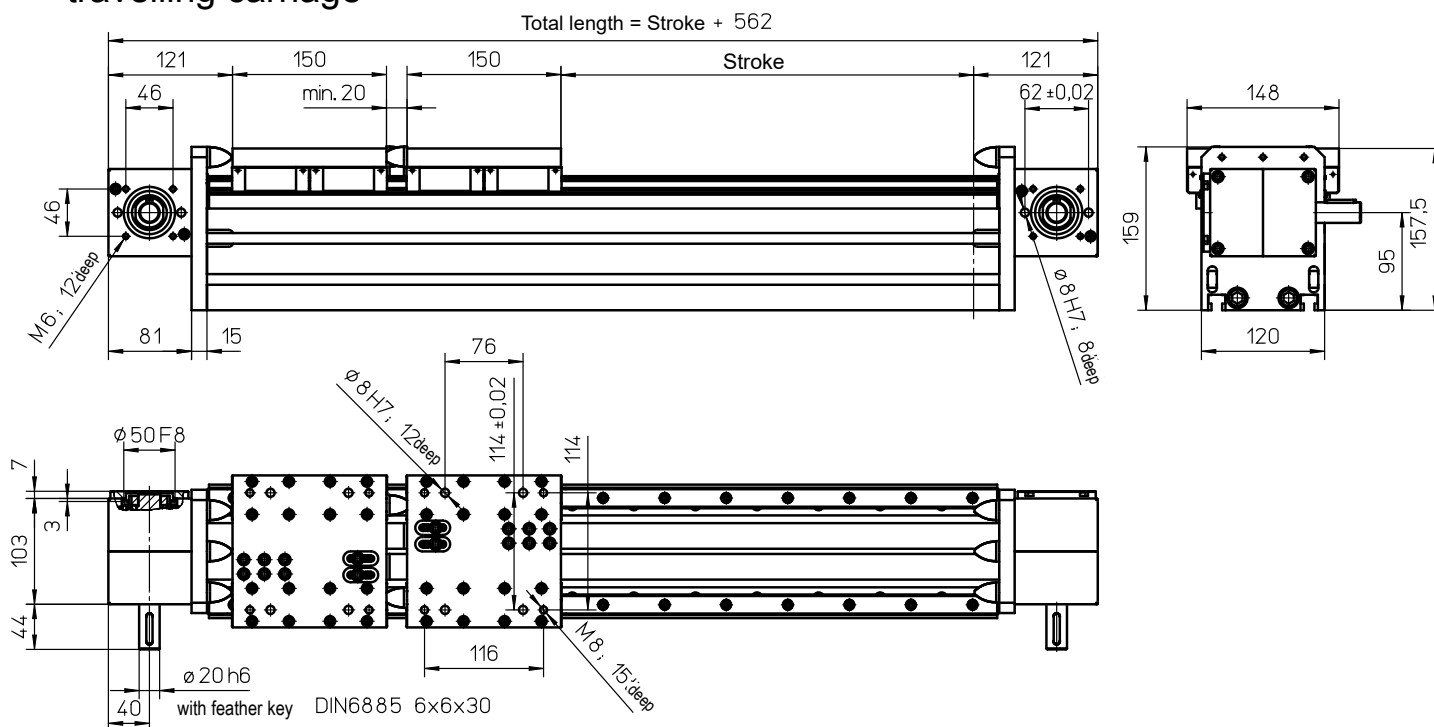


with toothed belt drive and double linear guide and a second independently travelling carriage



Weights

ZSSD

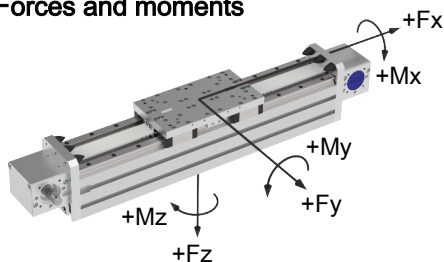
Basic length without stroke:	19.40 kg
100 mm stroke:	1.90 kg
Entire carriage 150 mm:	3.40 kg
Max. total length:	8200 mm
(longer on request)	

Technical Data

ZSSD

Max. speed:	5.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	± 0,08 mm
Idle torque:	3.00 Nm
Moment of inertia:	3.90 • 10 ⁻³ kgm ²
Drive element:	2 x Toothed belt 25 ATL10
Stroke per revolution:	200 mm

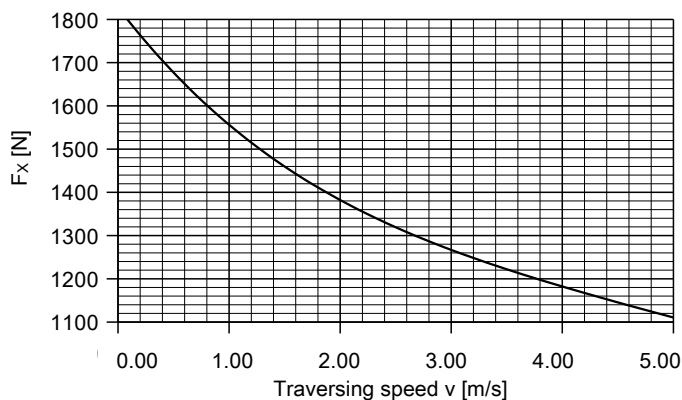
Forces and moments



	ZSSD
Forces	Dynamic [N]
F_x^c	1800
F_y	6000
F_z	8000
Moments	Dynamic [Nm]
M_x	1200
M_y	1300
M_z	1100

c) Maximum value (see diagram "F_x-v-Diagram")

$F_x - v$ - Diagram



These data apply to each carriage.