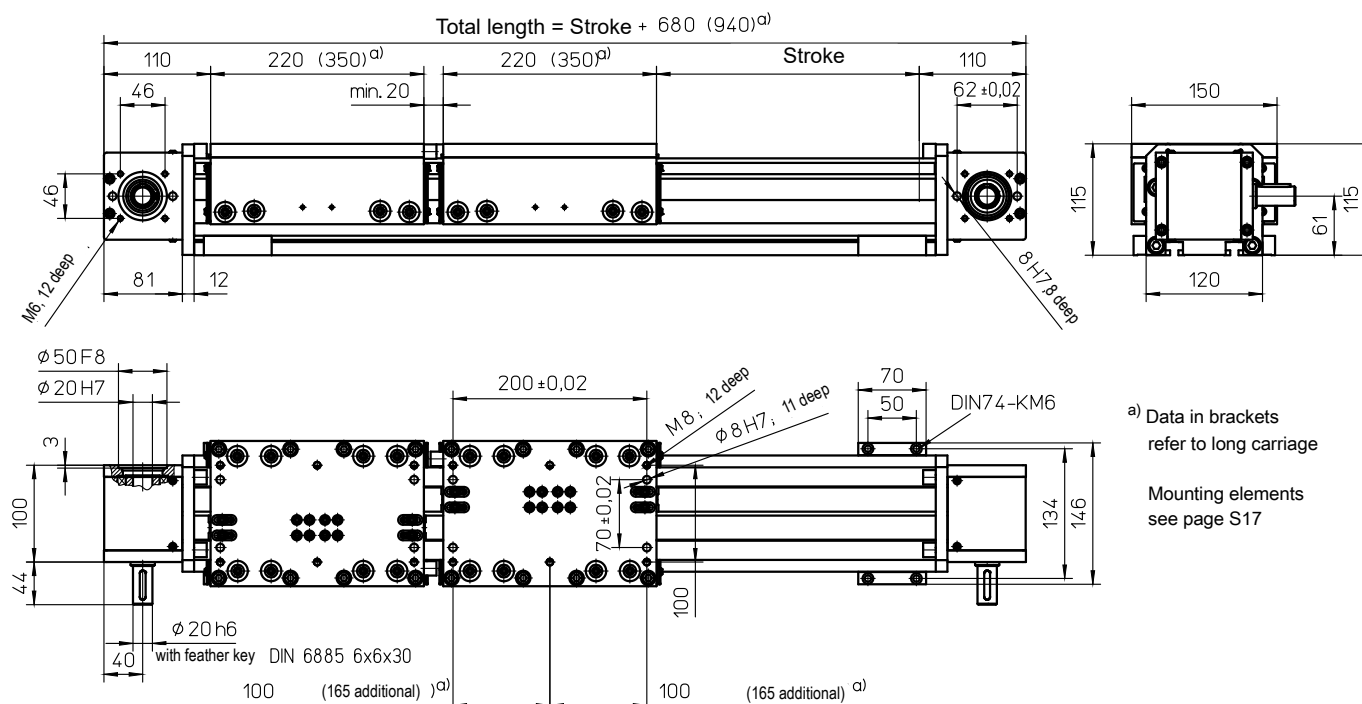


with toothed belt drive and roller guide and a second independently travelling carriage (ZRSD)



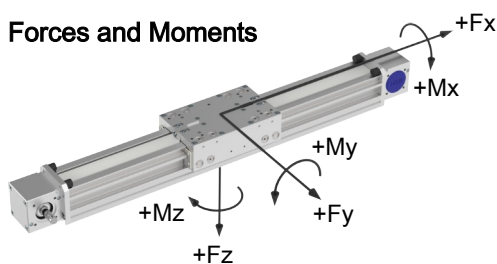
Weights

ZRSD

Basic length without stroke:	24.85 kg
100 mm stroke:	1.20 kg
Entire carriage 220 mm:	3.70 kg
Entire carriage 350 mm:	5.55 kg

Max. total length: 8100 mm
(longer on request)

Forces and Moments



Forces	Dynamic [N]
$F_x^{b)}$	1800
F_y	2300
F_z	3000
$-F_z$	1800
Moments	Dynamic [Nm]
M_x	170
M_y	270 (400)
M_z	270 (400)

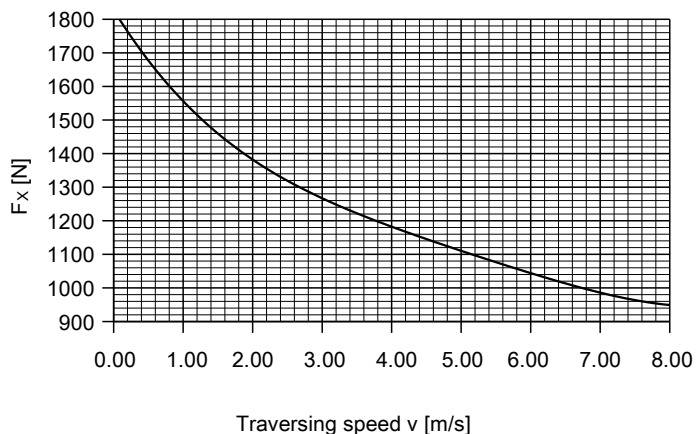
b) Maximum value (see diagram „Fx-v-Diagram“)
Data in brackets refer to long carriage (350)

Technical Data

ZRSD

Max. speed:	8.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	±0.08 mm
Idle torque:	3.00 Nm
Moment of inertia:	4.92 • 10 ⁻³ kgm ²
Drive element:	2 x Toothed belt 25 ATL10
Stroke per revolution:	200 mm

$F_x - v$ - Diagram



These data apply to each carriage.