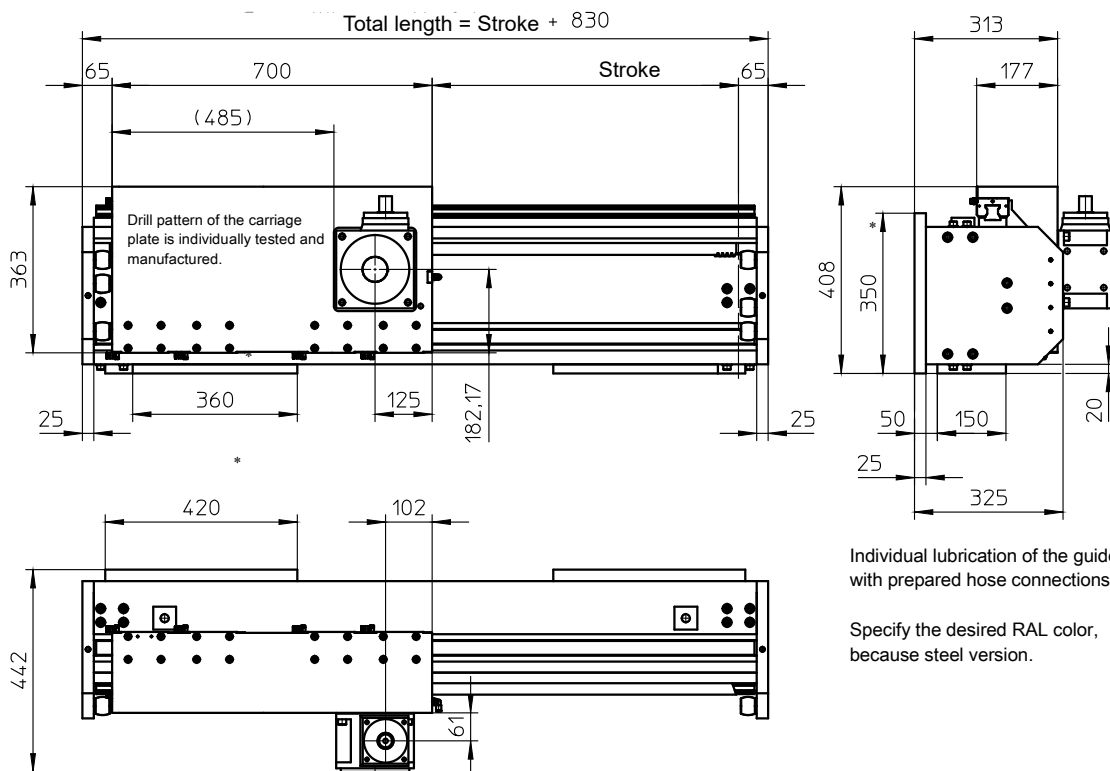


with rack-and-pinion drive module 3 (helical)  
and double linear guide (AZSS)



Individual lubrication of the guide carriages with prepared hose connections Ø6.

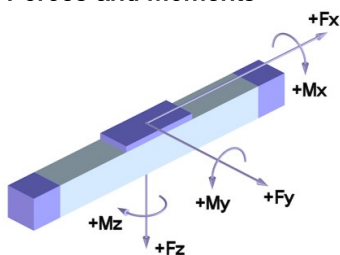
Specify the desired RAL color, because steel version.

### Weights

### AZSS

Basic length without stroke:	298.00 kg*
100 mm Stroke:	11.90 kg
Carriage 700 mm:	92.00 kg
Gear D115:	16.65 kg
Max. total length: (longer on request)	7800 mm

### Forces and Moments



AZSS-D115	
Forces	Dynamic [N]
$F_x$	5000-7500 **
$F_y$	40000
$F_z$	40000
Moments	Dynamic [Nm]
$M_x$	13000
$M_y$	25000
$M_z$	25000

### Technical Data

### AZSS

Max. speed:	4.00 m/s
Max. acceleration:	20 m/s <sup>2</sup>
Repeat accuracy:	±0.05 mm
Idle torque at drive pinion:	10.0 Nm
Rack and pinion:	Module 3 helical
Drive pinion:	Module 3, 20 teeth
Stroke per revolution:	200 mm
Servo-High-performance-gear:	DynaGear D115
Ratios:	5 / 10 / 15

D115	
Load $F_x$	Dynamic [N]
$i = 5:1$	7500
$i = 10:1$	
$i = 15:1$	5000

Efficiency of gears: > 96 %

Variants for gearbox mounting see catalogue page G29.

\* inclusive gear and two mounting plates

\*\* depending on gear ratio (see table to right)