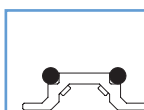
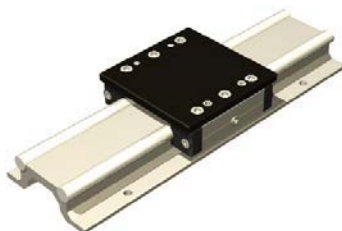


LF 3

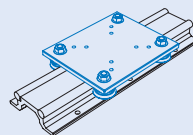
Linear Guide Rail

Features

- W 90 x H 31 mm
- 2 precision steel shafts Ø 12
- Stiff against torsion
- Aluminum shaft seat profile, nature anodized
- Increased shaft distance allows for taking up higher forces
- Attachment from above or below by through-holes for M6 in a 100 mm raster
- Arbitrary Guide Rail length
- Weight: 3.90 kg/m

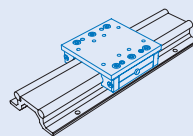


with Roller Carriage LW 8



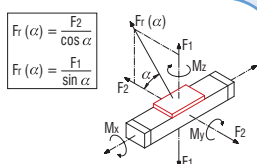
- L 150 x W 125 x H 7.7 mm
- Polished steel plate
- 4 rollers Ø 31, for-live lubrication
- Play-free adjustable
- Weight: 1.51 kg

mit Bearing Carriage WS 7



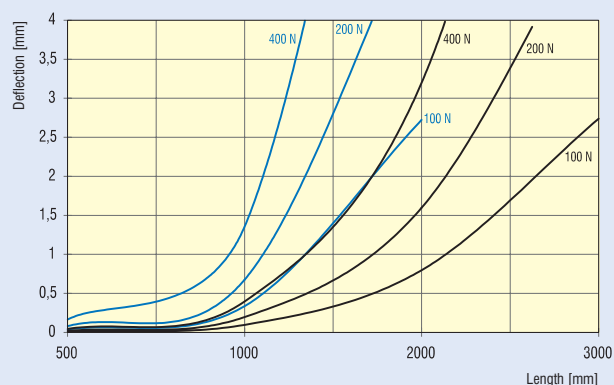
- L 100 x W 100 x H 32 mm
- Polished steel plate
- Central lubrication
- Play-free adjustable
- Weight: 1.67 kg

Load Data



Roller Carriage LW 8		Bearing Carriage WS 7	
C ₀	2160 N	C ₀	3303 N
C	4000 N	C	1873 N
F _{1 stat.}	4320 N	F _{1 stat.}	2821 N
F _{1 dyn.}	3846 N	F _{1 dyn.}	1599 N
F _{2 stat.}	2160 N	F _{2 stat.}	3303 N
F _{2 dyn.}	4000 N	F _{2 dyn.}	1873 N
M _{x stat.}	189.2 Nm	M _{x stat.}	82.0 Nm
M _{x dyn.}	248.4 Nm	M _{x dyn.}	105.3 Nm
M _{y stat.}	124.2 Nm	M _{y stat.}	123.3 Nm
M _{y dyn.}	168.4 Nm	M _{y dyn.}	46.4 Nm
M _{z stat.}	221.1 Nm	M _{z stat.}	59.7 Nm
M _{z dyn.}	230.0 Nm	M _{z dyn.}	69.9 Nm

Deflection



Dimensioned Drawings

* = available upon request

