

MLF 2

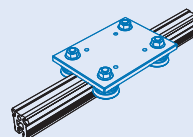
Linear Guide Rail

Features

- W 30 x H 32,5 mm
- 2 precision steel shafts Ø 8
- Stiff against torsion
- Aluminum shaft seat profile, nature anodized
- Attachment from the bottom by means of thread rails M6 in the T-groove
- Conditionally cantilevered
- Arbitrary Guide Rail length
- Weight: 2.01 kg/m
- **Option:** with through hole for M6
- **Option:** stainless version

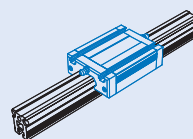


with Roller Carriage LW 6



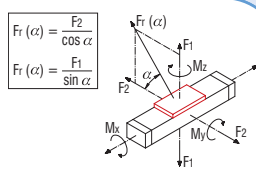
- L 125 x W 90 x H 7.7 mm
- Polished steel plate
- 4 rollers Ø 31, for-life lubrication
- Play-free adjustable
- Weight: 1.03 kg

with Aluminum Bearing Carriage WS 1



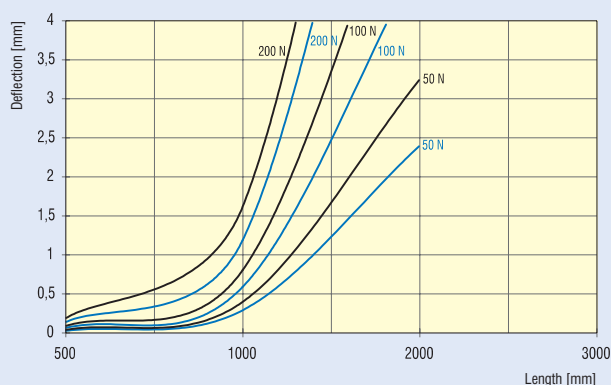
- L 96 x W 72 x H 28.5 mm
- Milled clamping surface
- M6 T-grooves
- Central lubrication
- Play-free adjustable
- Weight: 0.35 kg
- **Option:** stainless version

Load Data



Roller Carriage LW 6		Bearing Carriage WS 1	
C ₀	2160 N	C ₀	3114 N
C	4000 N	C	1846 N
F ₁ stat.	4320 N	F ₁ stat.	2659 N
F ₁ dyn.	3792 N	F ₁ dyn.	1576 N
F ₂ stat.	2160 N	F ₂ stat.	3114 N
F ₂ dyn.	4000 N	F ₂ dyn.	1846 N
M _x stat.	121.1 Nm	M _x stat.	37.3 Nm
M _x stat.	194.4 Nm	M _x stat.	100.5 Nm
M _y stat.	97.2 Nm	M _y stat.	117.6 Nm
M _x dyn.	106.3 Nm	M _x dyn.	22.1 Nm
M _y dyn.	170.6 Nm	M _y dyn.	59.5 Nm
M _z dyn.	180.0 Nm	M _z dyn.	69.7 Nm

Deflection



Dimensioned Drawings

* = available upon request

