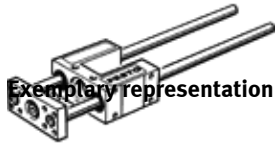


# Guide unit FEN-12/16- -KF

Part number: 33481

FESTO

with recirculating ball bearing guide, serves for protection against rotation, provides a high accuracy of guidance.



## Data sheet

Feature	Value
Size	12/16
Stroke	1 ... 200 mm
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Guide
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-20 ... 80 °C
Max. force F <sub>y</sub>	520 N
Max. force F <sub>y</sub> static	830 N
Max. force F <sub>z</sub>	520 N
Max. force F <sub>z</sub> static	830 N
Max. torque M <sub>x</sub>	12 Nm
Max. torque M <sub>x</sub> static	20 Nm
Max. torque M <sub>y</sub>	7 Nm
Max. torque M <sub>y</sub> static	12 Nm
Max. torque M <sub>z</sub>	7 Nm
Max. torque M <sub>z</sub> static	12 Nm
Displacement force	15 N
Additional mass factor per 10 mm of stroke	12 g
Basic weight for 0 mm stroke	429 g
Additional weight per 10 mm stroke	12 g
Centre of gravity of moving mass with 0 mm stroke	40 mm
Additional allowance for centre of gravity of moving mass per 10 mm stroke	4.9 mm
Mounting type	with internal (female) thread
Materials note	Conforms to RoHS
Material of guide component	Heat-treatment steel
Material housing	Anodised wrought aluminium alloy
Material yoke plate	Anodised wrought aluminium alloy