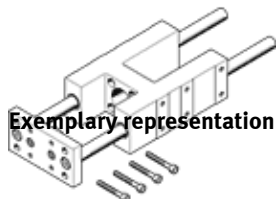


# Guide unit FENG-100- -KF

Part number: 34492

FESTO

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



## Data sheet

Feature	Value
Size	100
Stroke	10 ... 500 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>	2,300 N
Max. force F <sub>y</sub> static	3,120 N
Max. force F <sub>z</sub>	2,300 N
Max. force F <sub>z</sub> static	3,120 N
Max. torque M <sub>x</sub>	198 Nm
Max. torque M <sub>x</sub> static	268 Nm
Max. torque M <sub>y</sub>	197 Nm
Max. torque M <sub>y</sub> static	267 Nm
Max. torque M <sub>z</sub>	197 Nm
Max. torque M <sub>z</sub> static	267 Nm
Displacement force	40 N
Additional mass factor per 10 mm of stroke	77 g
Basic weight for 0 mm stroke	12,990 g
Additional weight per 10 mm stroke	77 g
Centre of gravity of moving mass with 0 mm stroke	47 mm
Additional allowance for centre of gravity of moving mass per 10 mm stroke	3.6 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	Heat-treatment steel