

Guide unit FENG-80- -KF

Part number: 34491

FESTO



Data sheet

Feature	Value
Size	80
Stroke	10 mm...500 mm
Mounting position	Any
Guide	Recirculating ball bearing guide
Structural design	Guide
Explosion prevention and protection	Observe the information on the certificate
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-20 °C...80 °C
Max. force F _y	2300 N
Max. force F _y static	3120 N
Max. force F _z	2300 N
Max. force F _z static	3120 N
Max. torque M _x	170 Nm
Max. static moment M _x	231 Nm
Max. torque M _y	191 Nm
Max. static moment M _y	259 Nm
Max. torque M _z	191 Nm
Max. static moment M _z	259 Nm
Displacement force	40 N
Moving mass at 0 mm stroke	4990 g
Additional moving mass per 10 mm stroke	77 g
Basic weight with 0 mm stroke	10430 g
Additional weight per 10 mm stroke	77 g
Center of gravity of moving mass with 0 mm stroke	54 mm
Center of gravity of moving mass with 10 mm stroke	3.9 mm
Type of mounting	With internal thread
Note on materials	RoHS-compliant
Material of guide component	Tempered steel
Housing material	Wrought aluminum alloy, anodized
Material of yoke plate	Tempered steel