

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	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
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
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