

# 被動式導向軸 ELFC-KF-45-300

料號: 8062804

FESTO



## 技術參數

特性	值
工作行程	300 mm
尺寸	45
備用行程	0 mm
裝配置置	任何
導向	迴圈滾珠軸承導向
設計結構	導向
最大加速度	250 m/s <sup>2</sup>
最高速度	1.5 m/s
循環功率	100 %
耐腐蝕等級 CRC	0 - No corrosion stress
PWIS conformity	VDMA24364 zone III
RSBP classification to CD-0033	F1a
無塵室等級	ISO class 7
防護等級	IP40
環境溫度	0 ... 50 °C
轉動面積矩 2nd 度ly	140E+03 mm <sup>4</sup>
轉動面積矩 2nd 度lz	170E+03 mm <sup>4</sup>
最大輸出力Fy	300 N
最大輸出力Fz	600 N
最大扭矩Mx	5.5 Nm
最大扭矩My	4.7 Nm
最大扭矩Mz	4.7 Nm
質量慣性扭矩	8.5E+03 mm <sup>4</sup>
置換力	4.5 N
Fy with theoretical service life of 100 km (from a guide perspective only)	1,104 N
Fz with theoretical service life of 100 km (from a guide perspective only)	2,208 N
Mx with theoretical service life of 100 km (from a guide perspective only)	20 Nm
My with theoretical service life of 100 km (from a guide perspective only)	17 Nm
Mz with theoretical service life of 100 km (from a guide perspective only)	17 Nm
運動質量	144 g
每 10 mm 行程所增加的重量	23 g
Material of end caps	Die-cast aluminium, painted
Material of profile	Anodised wrought aluminium alloy
材料備註	符合 RoHS
Material cover tape	高合金鋼, 耐腐蝕
Material cover	Die-cast aluminium, painted
Material guide slide	鋼
Material guide rail	鋼
Material slide	壓鑄鋁