## Guided drive DFM-25-160-B-PPV-A-KF

Part number: 609353





## **Data sheet**

Feature	Value
Stroke	160 mm
Piston diameter	25 mm
Operating mode, drive unit	Yoke
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	optional
Guide	Recirculating ball bearing guide
	5 55
Design	Guidance
Position detection	Via proximity switch
Operating pressure	0.15 MPa1 MPa
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 7 according to ISO 14644-1
Ambient temperature	-5 °C60 °C
Impact energy in end positions	0.3 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	247 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	295 N
alternative connections	See product drawing
Pneumatic connection	G1/8
Material cover	Wrought aluminium alloy
Material seals	NBR
Material housing	Wrought aluminium alloy
Material piston rod	High-alloy stainless steel