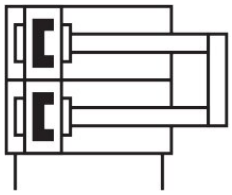
Mini slide
DGST-25-40-PA

Part number: 8085152





Data sheet

Feature	Value
Stroke	40 mm
Adjustable end position range/length front	40.2 mm
Adjustable end position range/length rear	40.2 mm
Piston diameter	25 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Guide	Ball bearing cage guide
Design	Twin piston Yoke Piston rod Slide
Position detection	Via proximity switch
Operating pressure	0.1 MPa...0.8 MPa 1 bar...8 bar 14.5 psi...116 psi
Max. speed	0.8 m/s
Repetition accuracy	<= 0.3 mm
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	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
Ambient temperature	-10 °C...60 °C
Impact energy in end positions	0.45 J
Cushioning length	1.2 mm
Max. force Fy	1310 N
Max. force Fz	1310 N
Max. moment Mx	13 Nm
Max. moment My	12 Nm

Feature	Value
Max. moment Mz	12 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	495 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	589 N
Moving mass	1013.5 g
Product weight	2016 g
Type of mounting	With through-hole
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy
Material seals	HNBR
Material guide	POM TPE-E High-alloy steel
Material housing	Wrought aluminium alloy
Material piston rod	High-alloy stainless steel