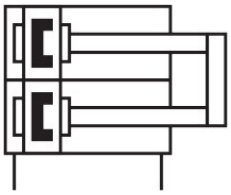
Mini slide
DGST-25-125-Y12A

Part number: 8085196





Data sheet

Feature	Value
Stroke	125 mm
Adjustable end position range/length front	32 mm
Adjustable end position range/length rear	30.4 mm
Piston diameter	25 mm
Operating mode, drive unit	Yoke
Cushioning	External hydraulic cushioning
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	<= 0.02 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	6 J
Cushioning length	10 mm
Max. force Fy	1380 N
Max. force Fz	1380 N
Max. moment Mx	20 Nm
Max. moment My	17 Nm

Feature	Value
Max. moment Mz	17 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	1808 g
Product weight	3717 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