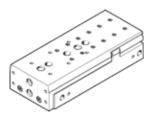
Mini slide **DGST-25-10-PA**Part number: 8085149







Data sheet

Feature	Value
Stroke	10 mm
Adjustable end position range/front length	10.2 mm
Adjustable end position range/rear length	10.2 mm
Piston diameter	25 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Ball bearing cage guide
Design structure	twin piston
5 55.5 51. 45.4 5	Yoke
	Piston rod
	Slide
Position detection	For proximity sensor
Operating pressure MPa	0.1 0.8 MPa
Working pressure	1 8 bar
Operating pressure	14.5 116 psi
Max. speed	0.8 m/s
Repetition accuracy	<= 0,3 mm
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 60 °C
Impact energy in end positions	0.45 J
Cushioning length	1.2 mm
Max. force Fy	1,840 N
Max. force Fz	1,840 N
Max. torque Mx	19 Nm
Max. torque My	21 Nm
Max. torque Mz	21 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	495 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	589 N
Moving mass	850.5 g
Product weight	1,736 g
Mounting type	with through hole
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy
Material seals	HNBR
Material of guide	POM
	High alloy steel
	TPE-E
Material housing	Wrought Aluminum alloy
Material piston rod	High alloy steel, non-corrosive
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