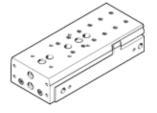
Mini slide DGST-10-10-PA Part number: 8085116 Core product range



Data sheet

Feature	Value
Stroke	10 mm
Adjustable end position range/front length	10 mm
Adjustable end position range/rear length	10 mm
Piston diameter	10 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	twin piston
	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 double-acting
Mode of operation	
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	0.08 J
Cushioning length	1.5 mm
Max. force Fy	470 N
Max. force Fz	470 N
Max. torque Mx	3 Nm
Max. torque My	3 Nm
Max. torque Mz	3 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	79 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	94 N
Moving mass	135.7 g
Product weight	270.4 g
Mounting type	with through hole
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy
Material seals	HNBR
Material of guide	РОМ
	High alloy steel
	TPE-E
Material housing	Wrought Aluminum alloy
Material piston rod	High alloy steel, non-corrosive

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