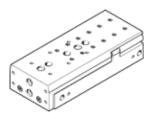
## mini slide DGST-20-20-E1A Part number: 8078863 ★ Core product range







## **Data sheet**

Feature	Value
Stroke	20 mm
Piston diameter	20 mm
Operating mode of drive unit	Yoke
Cushioning	Elastomer cushioning, at both ends, stroke not adjustable
Assembly position	Any
Guide	Ball bearing cage guide
Design structure	twin piston
	Yoke
	Piston rod
	Slide
Position detection	For proximity sensor
Operating pressure MPa	0.1 0.8 MPa
Operating pressure	1 8 bar
	14.5 116 psi
Max. speed	0.5 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)
Commercian anniatoric allowing control	
Corrosion resistance classification CRC PWIS conformity	1 - Low corrosion stress VDMA24364-B1/B2-L
,	12 1
Ambient temperature	-10 60 °C
Impact energy in end positions	•
Cushioning length Max. force Fy	1 mm
•	1,270 N
Max. force Fz	1,270 N
Max. torque Mx	13 Nm
Max. torque My	14 Nm
Max. torque Mz	14 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	317 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	377 N
Moving mass	448 g
Product weight	986 g
Mounting type	with through hole
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	HNBR
Material of guide	POM
	High alloy steel
	TPE-E
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive