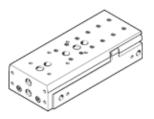
mini slide DGST-20-80-E1A Part number: 8078867 ★ Core product range







Data sheet

Feature	Value
Stroke	80 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	1 8 bar
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)
Corrosion resistance classification CRC	1 - Low corrosion stress
Ambient temperature	-10 60 °C
Impact energy in end positions	0.2 Nm
Cushioning length	1 mm
Max. force Fy	1,030 N
Max. force Fz	1,030 N
Max. torque Mx	14 Nm
Max. torque My	11 Nm
Max. torque Mz	11 Nm
Theoretical force at 6 bar, return stroke	317 N
Theoretical force at 6 bar, advance stroke	377 N
Moving mass	759 g
Product weight	1,618 g
Mounting type	with through hole
Pneumatic connection	G1/8
Materials note	Free of copper and PTFE
	Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	HNBR
Material of guide	POM
	TPE-E
	High alloy steel
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive