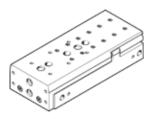
mini slide **DGST-25-100-Y12A** Part number: 8085195







Data sheet

Feature	Value
Stroke	100 mm
Adjustable endposition range/front length	32 mm
Adjustable endposition range/rear length	30.4 mm
Piston diameter	25 mm
Operating mode of drive unit	Yoke
Cushioning	Y12: external hydraulic cushioning
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	0.8 m/s
Repetition accuracy	<= 0,02 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
Trote on operating and procented and	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	6)
Cushioning length	10 mm
Max. force Fy	1,160 N
Max. force Fz	1,160 N
Max. torque Mx	18 Nm
Max. torque My	11 Nm
Max. torque Mz	11 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	1,493 g
Product weight	3,078 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
Indicated Suide	High alloy steel
	TPE-E
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive
material histori ton	Trigit alloy steet, holf-corrosive