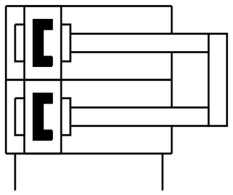
Mini slide
DGST-8-80-Y12A

Part number: 8085165





Data sheet

Feature	Value
Guide material	POM TPE-E High-alloy steel
Stroke	80 mm
Adjustable end-position range/front length	15.8 mm
Adjustable end-position range/rear length	16.1 mm
Piston diameter	8 mm
Type code	DGST
Drive unit operating mode	Yoke
Cushioning	External hydraulic cushioning
Mounting position	Any
Guide	Recirculating ball bearing guide
Design	Piston rod Twin piston Yoke Slide
Position sensing	For proximity sensor
Symbol	00991249
Operating pressure	1.5 bar ... 8 bar
Max. speed	0.5 m/s
Repetition accuracy	<= 0.02 mm
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
Ambient temperature	-10 °C ... 60 °C
Impact energy in the end positions	0.18 J
Cushioning length	4 mm
Max. force Fy	375 N
Max. force Fz	375 N
Max. torque Mx	3.2 Nm
Max. torque My	3 Nm
Max. torque Mz	3 Nm
Theoretical force at 6 bar, retracting	45 N
Theoretical force at 6 bar, advancing	60 N
Moving mass	171.2 g

Feature	Value
Product weight	325.6 g
Type of mounting	With through-hole
Pneumatic connection	M5
Note on materials	Free of copper and PTFE RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	HNBR
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy stainless steel