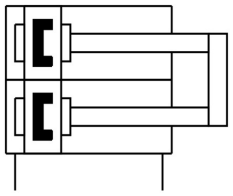
Mini slide
DGST-16-40-PA

Part number: 8085133





Data sheet

Feature	Value
Guide material	POM TPE-E High-alloy steel
Stroke	40 mm
Adjustable end-position range/front length	21.7 mm
Adjustable end-position range/rear length	22 mm
Piston diameter	16 mm
Type code	DGST
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Recirculating ball bearing guide
Design	Piston rod Twin piston Slide Yoke
Position sensing	For proximity sensor
Symbol	00991249
Operating pressure	1 bar ... 8 bar
Max. speed	0.8 m/s
Repetition accuracy	<= 0.3 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	0.25 J
Cushioning length	1 mm
Max. force Fy	880 N
Max. force Fz	880 N
Max. torque Mx	11.3 Nm
Max. torque My	8 Nm
Max. torque Mz	8 Nm
Theoretical force at 6 bar, retracting	207 N
Theoretical force at 6 bar, advancing	241 N
Moving mass	365 g

Feature	Value
Product weight	711 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