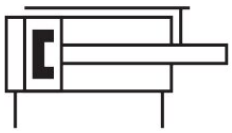
Apter Power

Mini slide
DGSL-12-30-PA

Part number: 543963

FESTO





Data sheet

Feature	Value
Stroke	30 mm
Adjustable end position range/length front	29 mm
Adjustable end position range/length rear	25.5 mm
Piston diameter	16 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Guide	Ball bearing cage guide
Design	Yoke Piston Piston rod Slide
Position detection	Via proximity switch
Operating pressure	0.1 MPa...0.8 MPa 1 bar...8 bar
Max. speed	0.8 m/s
Repetition accuracy	0.3 mm
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
Ambient temperature	0 °C...60 °C
Impact energy in end positions	0.25 Nm
Cushioning length	1 mm
Max. force Fy	1075 N
Max. force Fz	1075 N
Max. moment Mx	15 Nm
Max. moment My	10 Nm
Max. moment Mz	10 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	104 N

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Feature	Value
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	121 N
Moving mass	299 g
Product weight	757 g
alternative connections	See product drawing
Type of mounting	With through-hole
Pneumatic connection	M5
Note on materials	RoHS compliant
Material cover	Wrought aluminium alloy
Material seals	HNBR
Material housing	Wrought aluminium alloy
Material piston rod	High-alloy stainless steel

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