



2.5mm Festo Three Point Gripper DHDS-16-A-NC Lever Force Pilot Operated Motion Sequence

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: Festo
- Model Number: DHDS-16-A-NC
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Manufacturer: Festo
- Product No: DHDS-16-A-NC
- Material Cover Cap: PA
- Operating Pressure: 4 Bar ... 8 Bar
- Gripper Function: 3-point
- Mounting Position: Optional
- Stroke Per Gripper Jaws: 2.5 Mm
- Gripper Force Back-up: During Closing
- Highlight: **2.5mm Three point gripper,
4 bar Festo Three point gripper, DHDS-16-A-NC**



More Images



Product Description

Festo Three-point gripper DHDS-16-A-NC

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Size	16
Stroke per gripper jaws	2.5 mm
Max. replacement accuracy	≤0.2 mm
Max. angular gripper jaw backlash ax, ay	≤0.5 deg
Max. gripper jaw backlash Sz	≤0.02 mm
Rotationally symmetrical	≤0.2 mm
Repetition accuracy, gripper	≤0.04 mm
Number of gripper jaws	3
Mounting position	optional
Mode of operation	Double-acting
Gripper function	3-point
Gripper force back-up	During closing
Design	Lever
Force pilot operated motion sequence	Force pilot operated motion sequence
Position detection	Via Hall sensor
Symbol	00995947
Operating pressure	4 bar ... 8 bar
Max. operating frequency of gripper	≤4 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	31 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	34 ms
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	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitability for the production of Li-ion batteries	Metals with more than 5% by mass of copper are excluded from use. Exceptions are printed circuit boards, cables, electrical plug connectors and coils
Ambient temperature	5 °C ... 60 °C
Mass moment of inertia	0.139 kgcm ²
Max. force on gripper jaw Fz static	50 N
Max. torque at gripper Mx static	2 Nm
Max. torque at gripper My static	2 Nm
Max. torque at gripper Mz static	2 Nm
Lubrication interval for guide components	10 MioCyc
Max. mass per external gripper finger	50 g
Product weight	99 g
Type of mounting	Via female thread and dowel pin
Pneumatic connection	M3
Note on materials	

RoHS-compliant
Material cover cap
PA
Material housing
Hard anodised wrought aluminium alloy
Material gripper jaws
High-alloy stainless steel



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