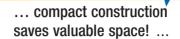
Long-stroke gripper with round guide GH90-GH200

things worth knowing

Advantages and uses

... round guide ... long stroke ...



Highlight

centrally opening and closing

any desired installation position

> position sensing possible through inductive proximity switch

Characteristics

Function

Drive: two double-acting pneumatic cylinders
Power transfer: through synchronized rack-and-pinion drive

Guide: round guide

Material

Housing: hard-anodized aluminum
Functional parts: steel and nonferrous metal

Maintenance

Recommended at: 1.5 million cycles

Actuation: filtered high-pressure air (10 μ m), dry or oiled

Maintenance

of the mechanics: - see owners' manual -

Basic explanations

Terms and illustrations

Grip force safety device: required during pressure loss for maintaining position of workpiece

- pneumatic: through pressure retention (one-way valve required DSV 1/8)

Total power: arithmetic sum of the individual elements on the gripper jaws

Closing and opening times: required time for the gripper jaws to cover the maximum stroke length

Accessories

Accessory recommendation:

Universal jaws
Inductive proximity switch
Bracket for inductive proximity switch
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Pressure safety valves
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