Pneumatic Gripper - Parallel (End Mount Grip)

Single Acting - Normally Open

NITRA Pneumatics grippers are an excellent choice for many automation applications. They are available in both parallel and angular travels in seven different body sizes. Grippers are either double acting, single acting normally closed or single acting normally open. Anodized aluminum bodies include integral mounting slots for position switches.

Features

- Seven sizes available (6 to 40mm bore)
- Double acting or single acting N.O. or N.C.
- Anodized aluminum bodies
- Position switch ready with integral mounting slots

NITRA Pneumatic Gripper Specifications

- Fluid: Air (clean/dry)
- Pressure Range:
  - 6mm, 10mm: 50 to 101 psig (3.45 to 6.96 bar)
  - 16mm to 40mm: 36 to 101 psig (2.48 to 6.96 bar)
- Proof Pressure: 175 psig
- Temperature Range: -4°F to 160°F (0°C to 60°C)
- Lubrication: Not required
- Repeatability:
  - 6mm to 25mm: ±0.01 mm
  - 32mm to 40mm: ±0.02 mm
- Max Frequency:
  - 6mm to 25mm: 180 cycles/min
  - 32mm to 40mm: 60 cycles/min
- Port Size:
  - M3 x 0.5 (6 to 10mm units)
  - M5 x 0.8 (16 to 40mm units)
- Sensor Switch Compatibility: Nitra CPS9H-xx-x or CPS9C-xx-x
- Includes: Magnet
- Approvals: None

For the latest prices, please check AutomationDirect.com.
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Dimensions

mm [inches]

See our website www.AutomationDirect.com for complete Engineering drawings.