

Pneumatic Gripper - Angular (Side Mount Grip)

Single Acting - Normally Open



KP06MSA-M

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

- Six sizes available (6 to 32mm bore)
- Double acting or single acting N.O.
- Anodized aluminum bodies
- Position switch ready with integral mounting slots



| NITRA Pneumatic Gripper - Angular - Normally Open | | | | | | | | | | |
|---|-------------------------------|---------|---------------------------------------|---------------------|--|--------------------|-------------------|----------|----------|-----------------|
| Part No. | Description | Style | Action | Size - Bore (mm) | Position | Grip | Body | Port(s) | Price | Weight (lbs) |
| KA06MSA-M | NITRA pneumatic gripper | Angular | Single acting, normally open | 6 | 30 degrees open, -10 degrees closed | Side mount grip | Anodized aluminum | M3 x 0.5 | \$119.00 | 0.1 |
| KA10MSA-M | | | | 10 | | | | | \$165.00 | 0.2 |
| KA16MSA-M | | | | 16 | | | | M5 x 0.8 | \$172.00 | 0.3 |
| KA20MSA-M | | | | 20 | | | | | \$207.00 | 0.5 |
| KA25MSA-M | | | | 25 | | | | | \$231.00 | 1.0 |
| KA32MSA-M | | | | 32 | | | | | \$255.00 | 1.9 |

| NITRA Pneumatic Gripper Specifications | | | | | |
|--|------------------|---|--|--|--|
| I | Fluid | Air (clean/dry) | | | |
| Pressure Range | 6mm | 45 to 101 psig (3.10 to 6.97 bar) | | | |
| | 10mm to 32mm | 36 to 101 psig (2.48 to 6.97 bar) | | | |
| Proof | Pressure | 175 psig | | | |
| Tempera | ature Range | -4°F to 160°F (-20°C to 60°C) | | | |
| Lub | rication | Cylinder: not required - Jaws: grease regularly | | | |
| Cushion Type | | Bumper | | | |
| Integrated Flow Control | 6mm | N/A | | | |
| | 10mm to 32mm | Standard - flow control in closing direction | | | |
| Maximui | n Frequency | 180 cycles/min | | | |
| Po | rt Size | M3 x 0.5 (6mm to 10mm units) M5 x 0.8 (16mm to 32mm units) | | | |
| Sensor Swit | ch Compatibility | Nitra CPS9H-xx-x or CPS9C-xx-x | | | |
| Inc | cludes | Magnet | | | |
| Арј | provals | None | | | |



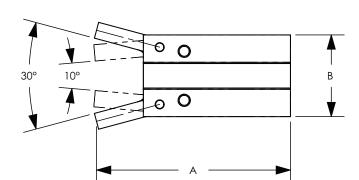


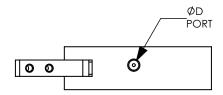
Click the above icon or scan the QR code to be taken to <u>www.automationdirect.com/selectors/pneumaticgripper</u> for our online Gripper Configuration Tool for further selection assistance.

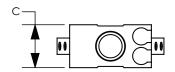


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Dimensions mm [inches]







| Pneumatic Gripper Dimensions | | | | | | | | |
|------------------------------|-------------|-------------|-------------|----------|--|--|--|--|
| Part # | A | В | С | ØD | | | | |
| KA06MSA-M | 47.5 [1.87] | 20.0 [0.79] | 10.5 [0.41] | M3 x 0.5 | | | | |
| KA10MSA-M | 52.5 [2.07] | 23.0 [0.91] | 16.5 [0.65] | M3 x 0.5 | | | | |
| KA16MSA-M | 62.5 [2.46] | 30.5 [1.20] | 23.5 [0.93] | M5 x 0.8 | | | | |
| KA20MSA-M | 78.0 [3.07] | 42.0 [1.65] | 27.5 [1.08] | M5 x 0.8 | | | | |
| KA25MSA-M | 92.0 [3.62] | 52.0 [2.05] | 33.5 [1.32] | M5 x 0.8 | | | | |
| KA32MSA-M | 96.5 [3.80] | 60.0 [2.36] | 40.0 [1.57] | M5 x 0.8 | | | | |

See our website <u>www.AutomationDirect.com</u> for complete Engineering drawings.