

Product



No. 1 Position

JGP – Universal 2-Finger Parallel Gripper with the best price-performance ratio

Product Features

Unique Selling Points:

- ✓ High-performance
- ✓ Reduced space requirements
- ✓ Robust T-slot guidance
- ✓ Hose-free direct connection
- ✓ Compact design
- ✓ Magnetic switch/inductive proximity switch

Bottom-sided and lateral screw connection diagram

Further product features:

- ✓ Price-attractive alternative compared to the competitors Röhm and Festo. A quotation always makes sense, if a customer doesn't accept the costs of a PGN-plus
- ✓ Small diversity of variants allows high batch sizes (all the housings, pistons, and base jaws are similar per gripper size)
- ✓ The costs for manufacturing the T-slot guidance are lower (or at the same costs as competitive products)

Market and Competitors

Key Competitors

- ✓ Festo: HGPT / HGPT-B
- ✓ Sommer: GP 4xx
- ✓ Röhm: RPP

Advantages towards competitors:

- ✓ Hose-free direct connection
- ✓ Magnetic switch/inductive proximity switch can be used without any additional attachment sets
- ✓ For further information on the comprehensive sensor accessory program see complementary products

Cost Effectiveness/ Customer Benefits

- ✓ Precise handling => secure processes
- ✓ Suitable for the use of long gripper fingers
- ✓ Maximum gripping forces => often the smaller gripper size can be used
- ✓ Universal and flexible assembly of the gripper => the system design is more flexible
- ✓ Flexible compressed air supply for every automated solution
- ✓ Comprehensive sensor accessory program provides for flexible interrogation

Technical Data/ Functions

Technical Data:

- ✓ Sizes: 50 .. 160
- ✓ Weight: 0.17 kg .. 2.6 kg
- ✓ Gripping force: 290 N .. 3.200 N
- ✓ Stroke per finger: 2 mm .. 8 mm
- ✓ Workpiece weight: 1.45 kg .. 16 kg

Complementary Product:

- ✓ TCU, AGE-F, CWS, BSWS, UZB, etc.
- ✓ Sensor systems MMS, MMS-PI, MMS-P, IN, FPS, APS, OAS

Industries and Application

The JPG convinces in the following industries:

- ✓ Assembly and handling
- ✓ Automotive industry
- ✓ Pharmaceutical industry

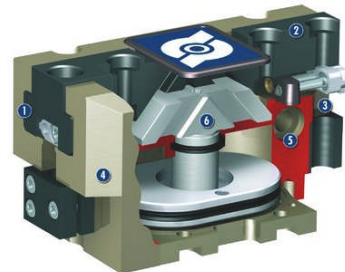
Applications:

- ✓ Assembly of writing utensils
- ✓ Pick & Place in cleanroom conditions
- ✓ Automated handling of chassis components
- ✓ Assembly of syringes

Additional information

- For technical reasons, a JGZ stroke 2 will not be available!

Cross Section



1. **T-slot guidance**
Sturdy base jaw guidance for large finger lengths
2. **Base jaw**
for adaption of the workpiece-specific gripper fingers
3. **Sensor system**
proximity switch can be assembled without attachment set
4. **Housing**
weight-reduced due to the use of hard anodized and high-strength aluminum alloy
5. **Centering and mounting possibilities**
for universal assembly of the gripper



Questions about the product? Your contact person is M. Nagel (+49 - 7133 - 103 - 2561)