

Two-Jaw Electric Grippers – MPXM

- Self-centering jaw system (patented).
- Parallel jaw movement.
- Self-adapting jaws part.
- 12–20mm stroke.
- T-slot style jaws for heavy loads.
- Optional Gimatic C-slot sensors on page 1002.
- Cables for direct connection to cobots on page 181.



Get the custom jaws you need for any gripper from EMI!

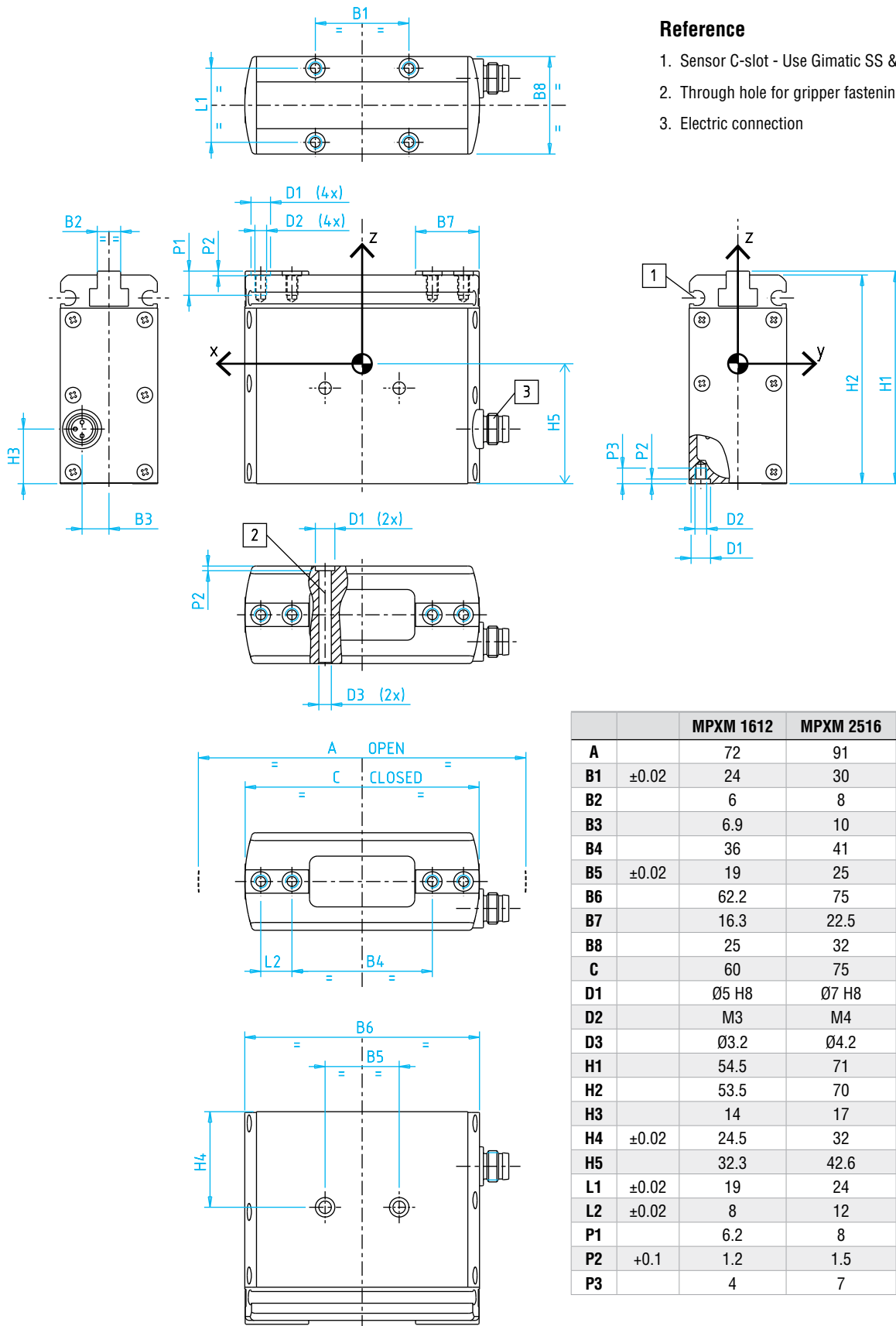


| Quick# | 7266 | 7267 | 7268 |
|--------------------------|--------------------|------------|------------|
| Part# | MPXM1612 | MPXM2516 | MPXM3220 |
| Price | \$1,059.00 | \$1,126.00 | \$1,193.00 |
| Total gripping force | 15.29 lbf | 21.36 lbf | 48.33 lbf |
| Stroke | 2x6mm | 2x8mm | 2x10mm |
| Max frequency | 0.75Hz | 1.2Hz | 0.85Hz |
| Jaw closing time | 0.21s | 0.19s | 0.23s |
| Working gripper time | 0.3s | 0.28s | 0.3s |
| Duty cycle | 45% | 68% | 51% |
| Peak current | 0.9 A | 1.2 A | 3.8 A |
| Brushless motor power | 6W | 11W | 23W |
| Open/closed input signal | PNP open connector | | |
| Repetition accuracy | 0.02mm | | |
| Noise level | <70dB | | |
| Weight (motor included) | 184g | 390g | 604g |
| Environmental Degree | IP54 | | |

Continuous Flex Cables

| Quick# | Part# | Description | Price |
|--------|-------------|--|---------|
| 7160 | CFGM800325P | 2.5m cable 3-Wire with Straight M8 Connector | \$13.00 |
| 7161 | CFGM890325P | 2.5m cable 3-Wire with 90° M8 Connector | \$13.00 |

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Reference

1. Sensor C-slot - Use Gimatic SS & SN sensors
2. Through hole for gripper fastening
3. Electric connection

| | | MPXM 1612 | MPXM 2516 | MPXM 3220 |
|----|-------|-----------|-----------|-----------|
| A | | 72 | 91 | 109 |
| B1 | ±0.02 | 24 | 30 | 36 |
| B2 | | 6 | 8 | 9 |
| B3 | | 6.9 | 10 | 11 |
| B4 | | 36 | 41 | 48 |
| B5 | ±0.02 | 19 | 25 | 30 |
| B6 | | 62.2 | 75 | 89 |
| B7 | | 16.3 | 22.5 | 28 |
| B8 | | 25 | 32 | 35 |
| C | | 60 | 75 | 89 |
| D1 | | Ø5 H8 | Ø7 H8 | Ø7 H8 |
| D2 | | M3 | M4 | M5 |
| D3 | | Ø3.2 | Ø4.2 | Ø5.2 |
| H1 | | 54.5 | 71 | 81 |
| H2 | | 53.5 | 70 | 80 |
| H3 | | 14 | 17 | 19 |
| H4 | ±0.02 | 24.5 | 32 | 38 |
| H5 | | 32.3 | 42.6 | 48.4 |
| L1 | ±0.02 | 19 | 24 | 26 |
| L2 | ±0.02 | 8 | 12 | 14 |
| P1 | | 6.2 | 8 | 8.5 |
| P2 | +0.1 | 1.2 | 1.5 | 1.5 |
| P3 | | 4 | 7 | 8 |