

PPD. Clamps, heavy-duty series

pneumatic drive, steel



MATERIAL

Weldable zinc-plated steel.

BODY

Black coated spheroidal cast iron.

HEXAGON-SOCKET HEAD SCREWS WITH COUNTERSINK FOR CYLINDER SUPPORT

Hardened steel.

CYLINDER SUPPORT BUSHINGS

Hardened steel.

ROTATING PINS AND SEEGER RINGS

Ground and hardened steel.

MAXIMUM WORKING PRESSURE

6 bars.

MAX WORKING TEMPERATURE

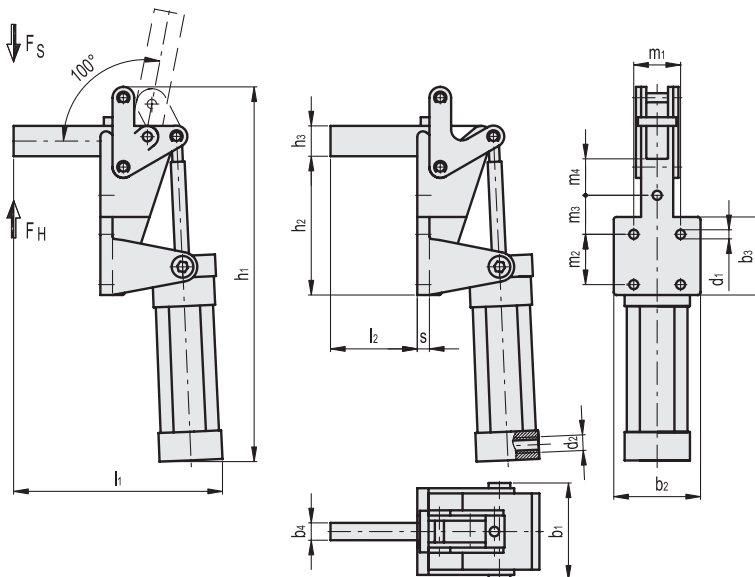
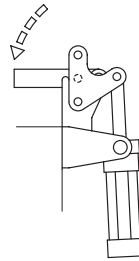
80°C.

FEATURES AND APPLICATIONS

All articulated joints are lubricated with special grease. PPD. pneumatic clamps are designed for easy disassembly. Indeed, rotation pins are fixed through seeger rings, which allows to disassemble and change the clamping lever to satisfy specific application requirements.

The magnetic cylinder, equipped with limit switches type PSW. (see page 1660) (to be ordered separately) gives drive and/or control impulses while active.

Using a lubrication filter assembly is necessary for the cylinder to work properly for a long time, whereas flow regulators are recommended to guarantee long life of mechanical components.



METRIC

| Code | Description | b1 | b2 | b3 | b4 | d1 | d2 | h1 | h2 | h3 | l1 | l2 | m1 | m2 | m3 | m4 | s | FH [N]* | FS [N]# | ⚖ |
|----------|---------------|-----|-----|----|----|------|------|-----|-----|----|-------|-----|----|----|----|----|----|---------|---------|------|
| GG.AO605 | PPD.1000-EPVM | 102 | 90 | 80 | 20 | 10.5 | G1/4 | 355 | 130 | 25 | 215 | 80 | 50 | 50 | - | - | 13 | 10000 | 3400 | 6500 |
| GG.AO625 | PPD.2000-EPVM | 112 | 100 | 90 | 20 | 13 | G3/8 | 424 | 157 | 35 | 246.5 | 100 | 54 | 58 | 45 | 45 | 14 | 20000 | 4320 | 9000 |

* Holding force.

Clamping force ~4 bar



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Toggle clamps

