

VALVES SERIES 70, HAND OPERATED

| TECHNICAL DATA | | 1/8" | 1/4" | 1/2" |
|-------------------------------|--------------|--------------|--------|--------|
| Operating pressure range: | | Vacuum to 10 | | |
| • version with direct control | bar | 2.5 to 10 | | |
| • pilot-assisted version | bar | -10 to +60 | | |
| Operating temperature range | | °C | | |
| Nominal diameter | mm | 5 | 7.5 | 15 |
| Conductance C | NI/min · bar | 121.43 | 264.26 | 971.43 |
| Critical ratio b | bar/bar | 0.32 | 0.27 | 0.43 |
| Flow rate at 6 bar ΔP 0.5 bar | NI/min | 400 | 750 | 3200 |
| Flow rate at 6 bar ΔP 1 bar | NI/min | 550 | 1100 | 4600 |



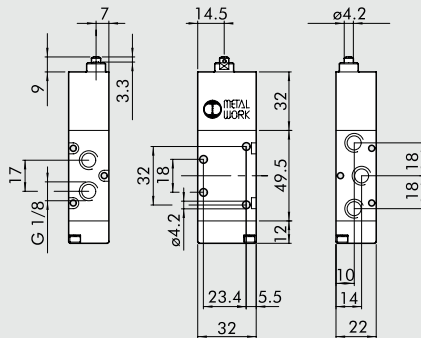
SYNOPTIC, SIZES AND VERSIONS

| M A V FAMILY | 2 DIMENSIONS | 3 FUNCTION | P P OPERATORS 14 | S RESETTING (12) | N C FURTHER DETAILS |
|-------------------|----------------------------|--------------------------------------|--|---|---|
| MAV manual valves | 2 1/8" 3 1/4" 4 1/2" | 3 3/2 5 5/2 6 5/3 8 2 x 3/2 | PP drawer VL axial lever LE 90° lever BRE arranged for manual panel actuators | A pneumatic/mechanical springs* S mechanical springs B bistable D differential O stable for 5/3 | NC normally closed NO normally open OO no indication CC closed centres OC open centres PC pressure centres |

*on demand

VALVES SERIES 70, HAND OPERATED, 1/8"

PILOT-ASSISTED PLUNGER 5/2 1/8" FOR PANEL ACTUATORS



| Symbol | Code | Abbrev. | Weight [g] |
|--------|------------|---------------|------------|
| | 7010001900 | MAV 25 BRE OO | 150 |