

# Vacuplus MINI Pi12-2, extra non-return valve

Item number: 02.23.779



Technical data

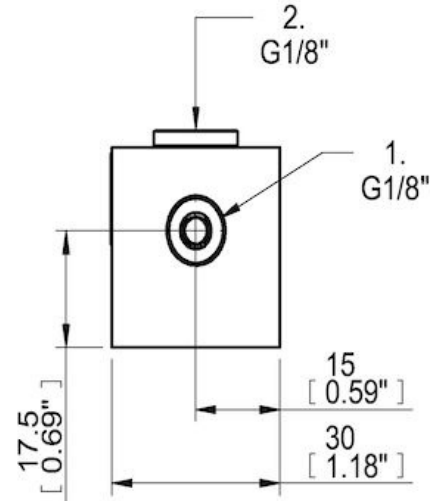
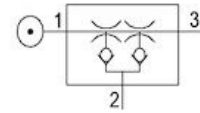
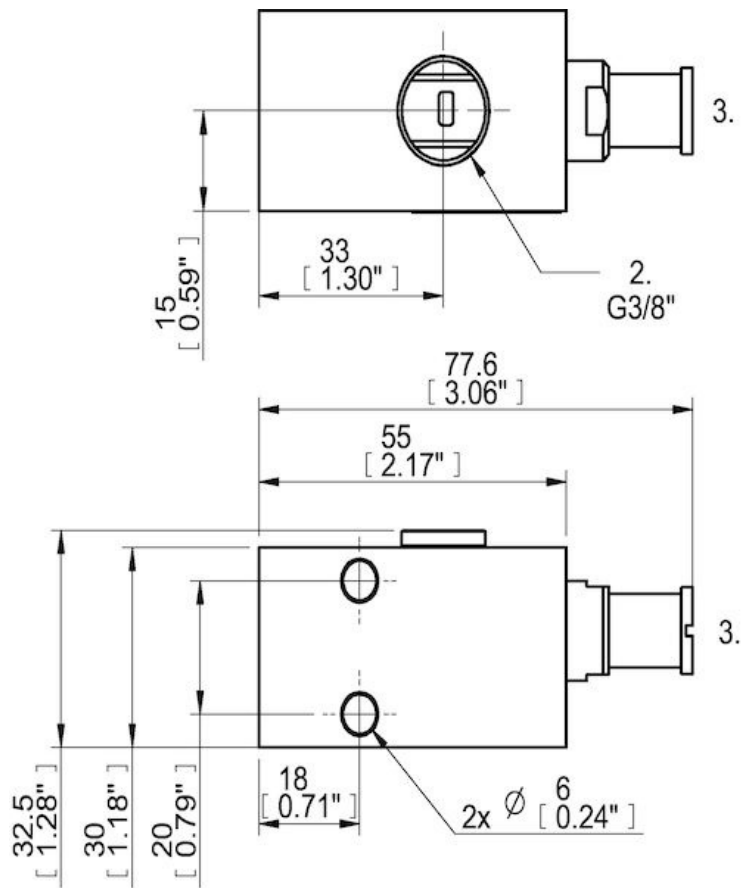
| Description         | Unit | Value                      |
|---------------------|------|----------------------------|
| Material            | -    | Al, Nitrile (NBR), POM, SS |
| Temperature, max.   | °F   | 122.0                      |
| Temperature, min.   | °F   | 14.0                       |
| Weight, max.        | oz   | 2.54                       |
| Feed pressure, max. | psi  | 0.10                       |
| Noise level, max.   | dBA  | 74                         |
| Noise level, min.   | dBA  | 60                         |

Performance

| Feed pressure | Air consumption | Vacuum flow (scfm) at different vacuum levels (-inHg) |      |      |       |       |       |       |       |    |        |    |    |    | Max vacuum |
|---------------|-----------------|-------------------------------------------------------|------|------|-------|-------|-------|-------|-------|----|--------|----|----|----|------------|
| psi           | scfm            | 0                                                     | 2    | 5    | 8     | 11    | 14    | 17    | 20    | 23 | 26     | 29 | 32 | 35 | psi        |
| 45.53         | 0.93            | 0.20                                                  | 0.18 | 0.13 | 0.080 | 0.056 | 0.041 | 0.030 | 0.018 | 0  | 0.0089 | 0  | 0  | 0  | ≥13.050    |

| Feed pressure | Air consumption | Evacuation time (s/cf) to reach different vacuum levels (-inHg) |       |      |      |      |      |      |      |    |    |    |    |    | Max vacuum |
|---------------|-----------------|-----------------------------------------------------------------|-------|------|------|------|------|------|------|----|----|----|----|----|------------|
| psi           | scfm            | 2                                                               | 5     | 8    | 11   | 14   | 17   | 20   | 23   | 26 | 28 | 29 | 29 | 29 | psi        |
| 45.53         | 0.93            | 0.050                                                           | 0.094 | 0.17 | 0.32 | 0.53 | 0.80 | 1.18 | 1.89 | 0  | 0  | 0  | 0  | 0  | ≥13.050    |

## Dimensional drawings



Values specified in this datasheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Compressed air quality, DIN ISO 8573-1 class 4.

## Tolerance and accuracy:

- Feed pressure tolerance ±0.02 MPa [2.9 psi]
- Vacuum flow/evacuation time accuracy ±10%.