

# Vacuplus MINI Xi10-2, extra non-return valve

Item number: 02.23.782



Technical data

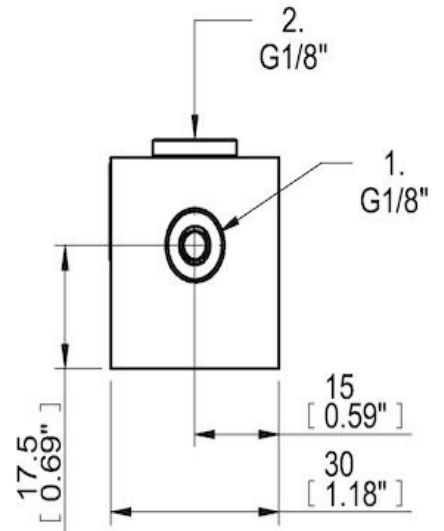
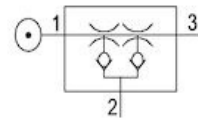
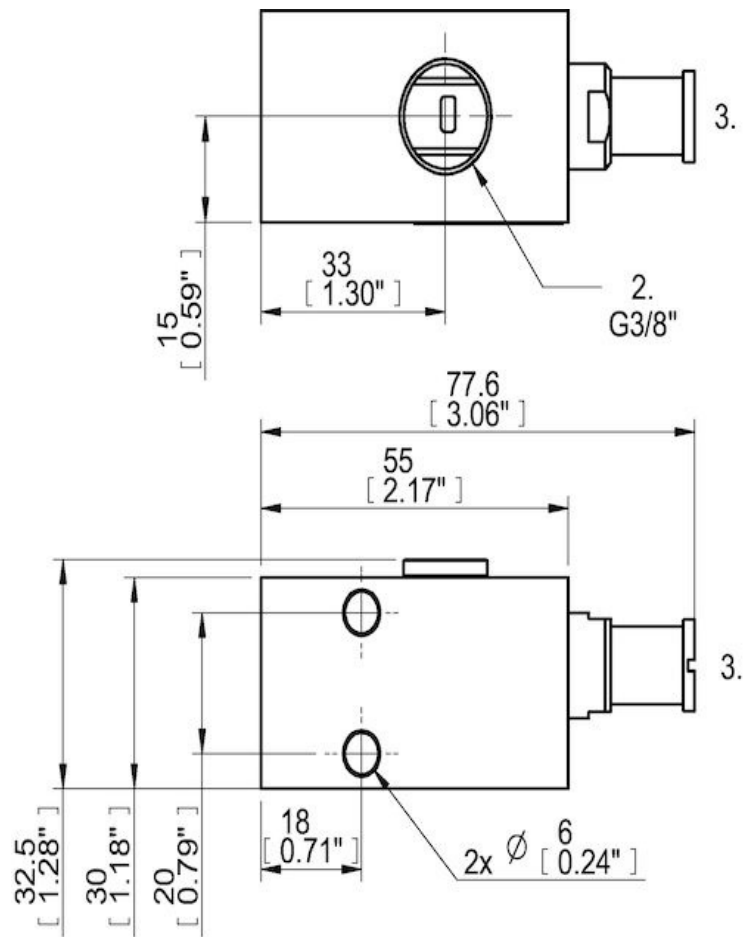
| Description         | Unit | Value                      |
|---------------------|------|----------------------------|
| Material            | -    | Al, Nitrile (NBR), POM, SS |
| Temperature, max.   | °F   | 122.0                      |
| Temperature, min.   | °F   | 14.0                       |
|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

Performance

| Feed pressure<br>psi | Air consumption<br>scfm | Vacuum flow (scfm) at different vacuum levels (-inHg) |      |      |       |       |       |       |       |    |       |        |    |    | Max vacuum<br>psi |
|----------------------|-------------------------|-------------------------------------------------------|------|------|-------|-------|-------|-------|-------|----|-------|--------|----|----|-------------------|
|                      |                         | 0                                                     | 2    | 5    | 8     | 11    | 14    | 17    | 20    | 23 | 26    | 29     | 32 | 35 |                   |
| 72.5                 | 0.97                    | 0.22                                                  | 0.19 | 0.14 | 0.097 | 0.056 | 0.044 | 0.032 | 0.021 | 0  | 0.012 | 0.0030 | 0  | 0  | ≥13.63            |

| Feed pressure<br>psi | Air consumption<br>scfm | Evacuation time (s/cf) to reach different vacuum levels (-inHg) |       |      |      |      |      |       |      |      |    |    |    |    | Max vacuum<br>psi |
|----------------------|-------------------------|-----------------------------------------------------------------|-------|------|------|------|------|-------|------|------|----|----|----|----|-------------------|
|                      |                         | 2                                                               | 5     | 8    | 11   | 14   | 17   | 20    | 23   | 26   | 28 | 29 | 29 | 29 |                   |
| 72.5                 | 0.97                    | 0.041                                                           | 0.094 | 0.17 | 0.29 | 0.46 | 0.67 | 1.025 | 1.56 | 2.62 | 0  | 0  | 0  | 0  | ≥13.63            |

## 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%.