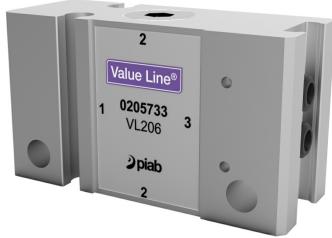


# Datasheet

## Value Line® VL206 vacuum generator 1/8"

Item number: 02.05.733



- Ejector with improved vacuum performance compared to corresponding size conventional single-stage ejector.
- Ejector stage without flap valve gives high reliability in dirty and dusty environments.
- Light weight body.
- Integrated push-in fittings or thread connection for quick and low cost installation.
- Available in "Inline", "T-design" or aluminum block version.
- The T-design is suitable if exhaust air needs to be piped away.
- The VL206 1/8" block version is an easy-to-install alternative, targeting operators of basic automated vacuum systems.

### Technical data

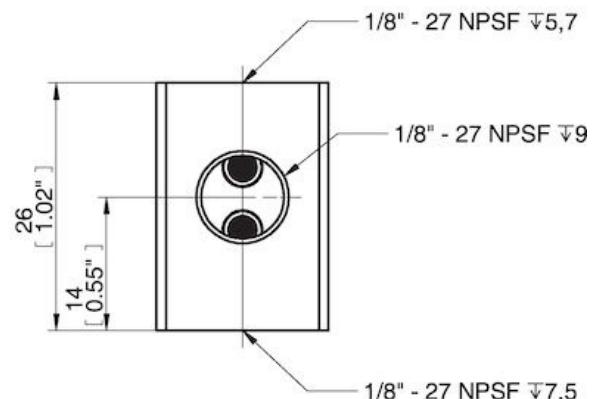
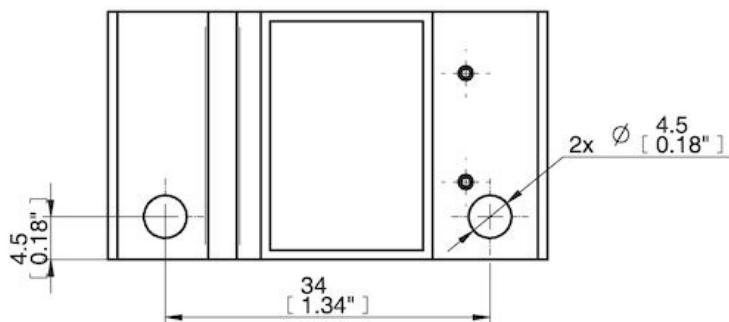
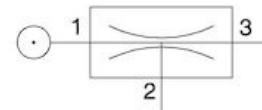
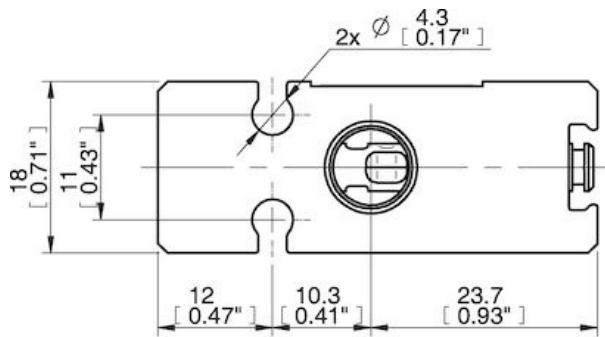
| Description                                | Unit | Value                 |
|--|------|-----------------------|
| Material                                   | -    | Al, NBR (FKM), PA, SS |
| Temperature, max.                          | °F   | 176.0                 |
| Temperature, min.                          | °F   | 14.0                  |
| Weight, min.                               | oz   | 1.62                  |
| Feed pressure                              | psi  | 0.072                 |
| Feed pressure, max.                        | psi  | 0.10                  |
| Noise level, max.                          | dBA  | 76                    |
| Noise level, min.                          | dBA  | 71                    |
| Air consumption (at optimum feed pressure) | scfm | 1.36                  |

### Performance

| Feed pressure<br>psi | Air consumption<br>scfm | Vacuum flow (scfm) at different vacuum levels (-inHg) |      |      |      |       |       |       |   |   |   |   |   | Max vacuum<br>psi |
|----------------------|-------------------------|---|------|------|------|-------|-------|-------|---|---|---|---|---|-------------------|
| 72.5                 | 1.36                    | 0.17  | 0.15 | 0.14 | 0.12 | 0.089 | 0.059 | 0.030 | 0 | 0 | 0 | 0 | 0 | ≥10.15            |

| Feed pressure<br>psi | Air consumption<br>scfm | Evacuation time (s/cf) to reach different vacuum levels (-inHg) |      |      |      |      |      |   |   |   |   |   |   | Max vacuum<br>psi |
|----------------------|-------------------------|---|------|------|------|------|------|---|---|---|---|---|---|-------------------|
| 72.5                 | 1.36                    | 0.053   | 0.12 | 0.18 | 0.27 | 0.38 | 0.58 | 0 | 0 | 0 | 0 | 0 | 0 | ≥10.15            |

## 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%.