

# Booster Release Ejector 025, 0,8 mm nozzle, M8 3-pin

Item number: 02.44.549



- Compact, robust design with low weight.
- Patented design with triple-release effect for ultra-fast blow-off.
- The ejector may be used as suction cup holder.
- Connections: M5 thread for vacuum sensor, electrical M8 3-pin connector..

Technical data

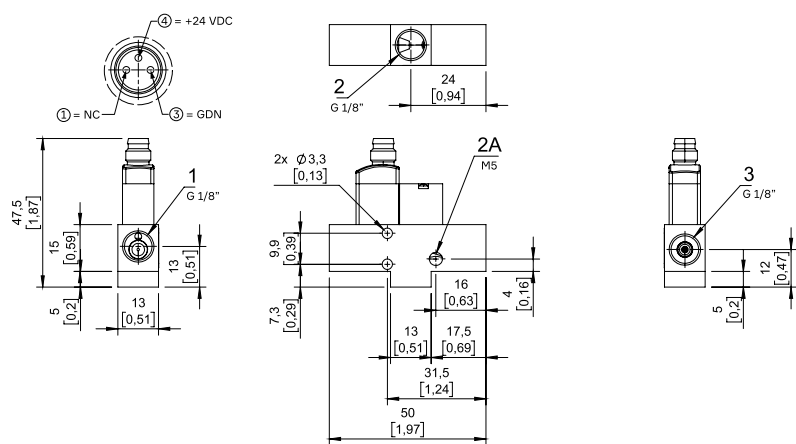
| Description         | Unit | Value         |
|---------------------|------|---------------|
| Material            | -    | Al, Brass, Cu |
| Temperature, max.   | °F   | 122.0         |
| Temperature, min.   | °F   | 32.0          |
| Weight, min.        | oz   | 1.27          |
| Feed pressure, max. | psi  | 0.12          |
| Noise level, max.   | dBA  | 90            |
| Noise level, min.   | dBA  | 77            |

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                 | 1.059                   | 0.13                                                  | 0.10 | 0.090 | 0.076 | 0.066 | 0.051 | 0.036 | 0.012 | 0  | 0.0021 | 0  | 0  | 0  | ≥11.60            |

| 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                 | 1.059                   | 0.075                                                           | 0.17 | 0.27 | 0.39 | 0.54 | 0.75 | 1.11 | 2.33 | 0  | 0  | 0  | 0  | 0  | ≥11.60            |

Dimensional drawings



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

- Room temperature (20°C [68°F] + 3°C [5.5°F])

- Standard atmosphere (101.3 [29.9 inHg]  $\pm$  1.0 kPa [0.3 inHg]).
- Compressed air quality, DIN ISO 8573-1 class 4.