## EJ-LARGE-LP-3

- Three-stage EJ-LARGE-LP-3 cartridge with compact dimensions
- High initial flow rate, reduces gripping time
- Can be integrated near the gripping point
- Suitable and reliable even in the case of fluctuations in feed pressure
- Ideal for handling sealed objects
- Maximum vacuum level (-90 kPa)
- Available in the cartridge-only or cartridge with holder and integrated silencer versions



| Technical features | |
|---|---|
| Medium | Compressed air in compliance with ISO 8573-1:2010 [7:4:4] |
| Max feed pressure | 0.7 MPa |
| Temperature range | -10 ÷ +80 °C |
| Weight | 24.4 ÷ 84.4 g |
| Ejector material | PA, Nitrile (NBR) |
| Holder material | PA, PUF |

**Suction flow rate**

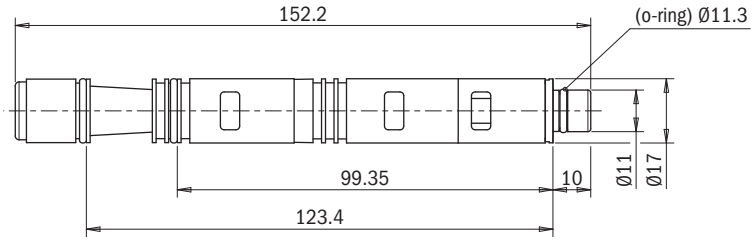
| Feed pressure | Air consumption | Suction flow rate [Nl/s] at different vacuum levels [kPa] | | | | | | | | | Max vacuum |
|---|---|---|---|---|---|---|---|---|---|---|---|
| [MPa] | [Nl/s] | 0 | -10 | -20 | -30 | -40 | -50 | -60 | -70 | -80 | [kPa] |
| 0.2 | 1.5 | 4.0 | 1.6 | 1.0 | 0.7 | 0.4 | 0.14 | – | – | – | -60 |
| 0.35 | 2.3 | 5.6 | 2.6 | 1.8 | 1.4 | 0.94 | 0.47 | 0.29 | 0.25 | 0.08 | -90 |
| 0.4 | 2.6 | 5.7 | 2.5 | 2.1 | 1.5 | 1.1 | 0.66 | 0.36 | 0.26 | 0.08 | -89 |

**Evacuation time**

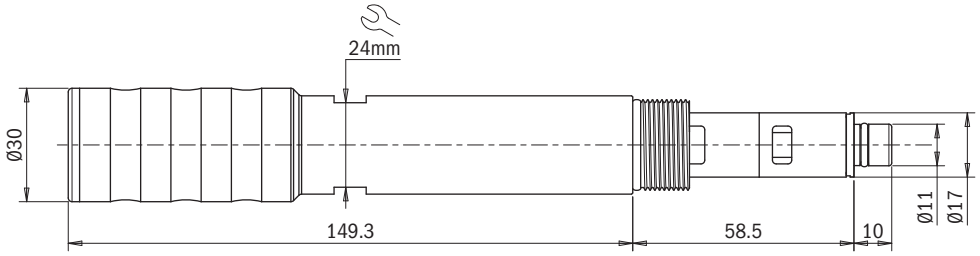
| Feed pressure | Air consumption | Evacuation time [s/l] to reach different vacuum levels [kPa] | | | | | | | | | Max vacuum |
|---|---|---|---|---|---|---|---|---|---|---|---|
| [MPa] | [Nl/s] | -10 | -20 | -30 | -40 | -50 | -60 | -70 | -80 | -90 | [kPa] |
| 0.2 | 1.5 | 0.04 | 0.11 | 0.23 | 0.4 | 0.8 | – | – | – | – | -60 |
| 0.35 | 2.3 | 0.02 | 0.07 | 0.13 | 0.2 | 0.4 | 0.6 | 1.0 | 1.6 | – | -90 |
| 0.4 | 2.6 | 0.02 | 0.07 | 0.12 | 0.2 | 0.3 | 0.5 | 0.8 | 1.4 | – | -89 |

| Identification codes | | | |
|---|---|---|---|
| Drawing | Alphanumeric code | Description | Order code |
| A | EJ-L-LP-3 | EJ-LARGE-LP-3 without holder | 3300037 |
| B | EJ-L-LP-3-HS | EJ-LARGE-LP-3 with holder and integrated silencer | 3300038 |
| C | EJ-L-LP-3-NR | EJ-LARGE-LP-3 with non-return valve | 3300039 |
| D | EJ-L-LP-3-NR-HS | EJ-LARGE-LP-3 with holder, integrated silencer and non-return valve | 3300040 |
| E | EJ-L-LP-3-H | EJ-LARGE-LP-3 with holder | 3300068 |

A C




B D




E

