

# Vacuum pump MAXI MLL1200, NBR seals

Item number: MLL1200



- Largest compressed air driven pump on the market

Technical data

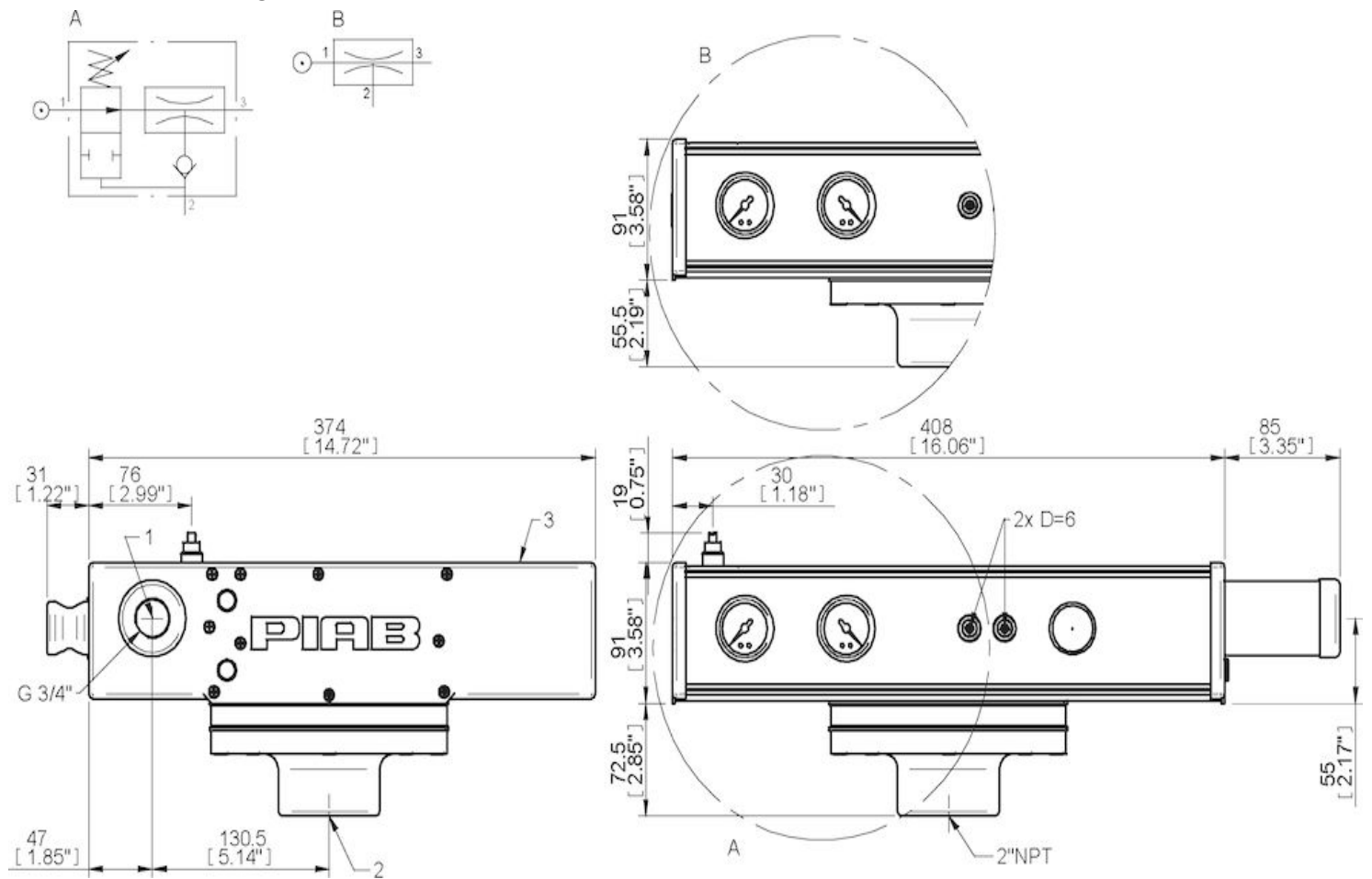
| Description         | Unit | Value                      |
|---------------------|------|----------------------------|
| Material            | -    | Al. PPS. Nitrile (NBR). SS |
| Temperature, max.   | °F   | 176                        |
| Temperature, min.   | °F   | -4                         |
| Weight, min.        | oz   | 562.5                      |
| Feed pressure, max. | psi  | 102                        |
| Noise level, max.   | dBA  | 76                         |
| Noise level, min.   | dBA  | 72                         |

Performance

| Ejector specification | Feed pressure<br>psi | Air consumption<br>scfm | Vacuum flow (scfm) at different vacuum levels (-inHg) |          |        |         |        |       |       |       |      |      | Max vacuum<br>-inHg |
|-----------------------|----------------------|-------------------------|-------------------------------------------------------|----------|--------|---------|--------|-------|-------|-------|------|------|---------------------|
|                       |                      |                         | 0                                                     | 2        | 5      | 8       | 11     | 14    | 17    | 20    | 26   | 29   |                     |
| MLL1200               | 87.023               | 177.99                  | 540.32                                                | 303.0027 | 205.53 | 108.064 | 55.091 | 37.93 | 27.12 | 12.93 | 5.51 | 0.11 | ≥26.87              |

| Ejector specification | Feed pressure<br>psi | Air consumption<br>scfm | Evacuation time (s/cf) to reach different vacuum levels (-inHg) |       |       |      |      |      |      |      |      |        | Max vacuum<br>-inHg |
|-----------------------|----------------------|-------------------------|-----------------------------------------------------------------|-------|-------|------|------|------|------|------|------|--------|---------------------|
|                       |                      |                         | 2                                                               | 5     | 8     | 11   | 14   | 17   | 20   | 23   | 26   |        |                     |
| MLL1200               | 87.023               | 177.99                  | 0.014                                                           | 0.034 | 0.065 | 0.15 | 0.25 | 0.45 | 0.76 | 1.36 | 3.96 | ≥26.87 |                     |

## 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%.

### Spare parts

- 31.01.099 | Seal kit MAXI MLL1200, NBR
- 31.01.099E | Seal kit MAXI MLL1200, EPDM
- 31.01.099V | Seal kit MAXI MLL1200, Viton®