

GAS PUMP TYPE: Z-2008



Z-2008 gas pump is meant to be used for pumping propellant gases with a low boiling point in a liquid form, which in the temperature of surroundings remain in a gas form, and the vapour pressure of which in the container is lower than 0.8 MPa (8 bar). It ensures providing the constant supply pressure of gas in the regulated range of 0.8 - 2.2 MPa (8 - 22 bar) for gas fillers. By means of maintaining the constant determined pressure of a liquid form, it prevents the cavitation (creating gas cavities resulting from evaporation) of liquid in the installation of the dosing device. All kinds of gas which can be liquefied and used as aerosol propellant may be pumped, e.g. propane, butane, DME, etc.



Operational parameters

Capacity: ~15 liters/min
Compression ratio: 2/1 (output pressure /supply pressure)
Propellant output pressure: 0.8 ÷ 2.2 MPa (8 ÷ 22 bar)

Overall dimensions and weight

Width: 320 mm
Length: 300 mm
Height: 650 mm
Weight: 31 kg

Supply

Type of power supply: Compressed air
Required supply pressure: 0.8 ÷ 1.0 MPa (8 ÷ 10 bar)
Air consumption: 2.5 liters/1 work cycle
Air supply connection: Pneumatic quick release coupling, RECTUS 26 series (DN 7.2) male plug installed in machine
Quality of compressed air: 4th class according to ISO 8573-1 for temperature range 15 ÷ 35°C
Propellant supply connection: External thread G $\frac{1}{2}$ "
Propellant supply hose: Antistatic hose, diameter $\frac{1}{2}$ ", min. pressure resistance 150 bar

