Nebulizer by depression for fluids NBZ-5

Connection: Pipe Ø4 - Pipe Ø6

NBZ-5



- Nebulizer with Venturi effect
- Adjustable spout by means of a knurled ring nut
- Not effected by impurities on pneumatic fluid
- Dimensions extremally reduced
- Body in aluminum alloy fumè anodized
  Adjustable ring nut in nickel plated brass
- Available version for high temperature
- Especially suitable for use with aggressive liquids, coolings, lubricants, stickings and detachment liquids.

TECHNICAL FEATURES

Operation		Nebulizer for fluids with Venturi effect with adjustable spout by means of a knurled ring nut
Regulation		Pneumatic: the aspiration of the liquid happens at flowing of the air throughout the valve
Materials		Body in aluminium alloy fumè anodized, adjustable ring nut in nickel plated brass, Internal components in brass, seals NBR/FKM.
Note on materials		Compliant with REACH (1907/2006/EC and subsequent amendments)
Connections		Pipe Ø4, pipe Ø6
Operating temperature		Standard: 0°C ÷ +60°C (-10°C with dry air, to avoid ice formation) High temperature (FKM): 0°C ÷ +150°C
Operating pressure		0 ÷ 10 bar
Air flow rate		
Nominal diameter		0,5 mm
Supply pressure	2 bar	3,5 Nl/min
(at ΔP 1 bar)	3 bar	4,0 Nl/min
	4 bar	4,5 Nl/min
Fluid		Filtered air, lubrication-free, compliant with ISO 8573-1:2010 [7:4:4]
Quantity of liquid aspirated		See diagram according to pressure

DIAGRAMS OF CAPACITY AND OF THE ASPIRATED LIQUID

FLOW RATE DIAGRAM

With spout completely open and without any liquid aspireted

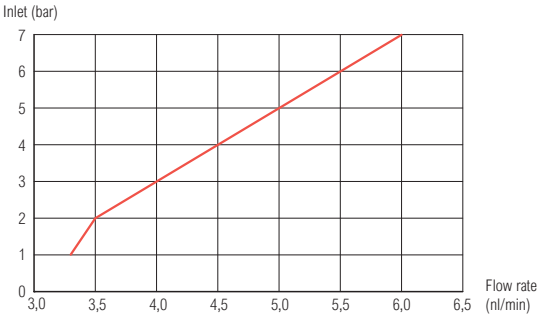
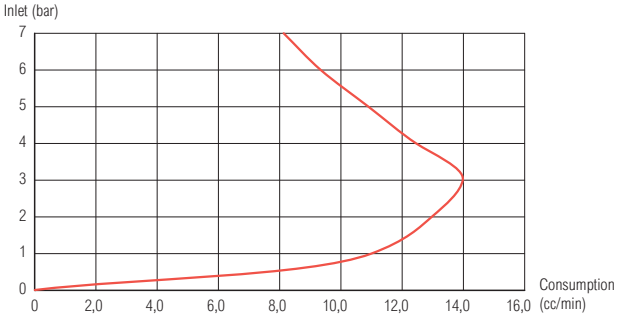
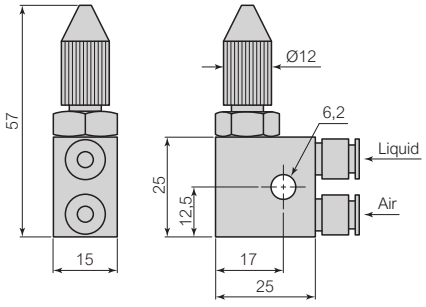


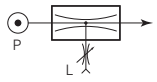
DIAGRAM OF THE ASPIRATED LIQUID

With spout completely open and oil ISO 22 aspireted



NEBULIZER BY DEPRESSION



Symbol	Connections	Seals	Code
	Tubo Ø 4	NBR	NBZ-5
	Tubo Ø 6	NBR	NBZ-5/6
	Tubo Ø 4	FKM	NBZ-5 FKM
	Tubo Ø 6	FKM	NBZ-5/6 FKM

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