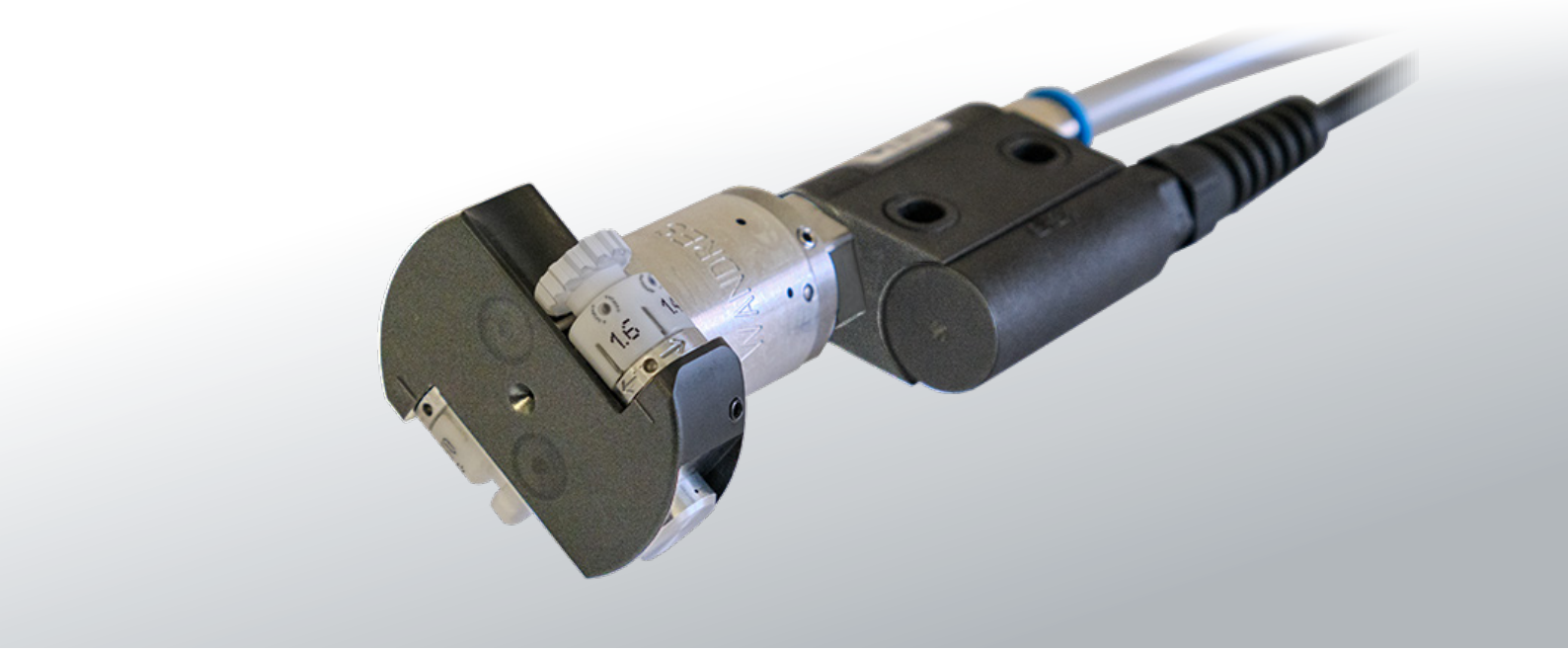
Ion Blower Nozzle Janus 50 DE/2/2 x 1.6



Brief description

The rotating Ion Blower Nozzle Janus 50.. is ideal to remove electrostatic charges and to clean components and continuous materials with compressed air.
Both blowing intensity and blowing direction are adjustable and provide for a versatile application.

Functional description

Two variable speed drive nozzles provide for smooth, regular rotations even if compressed air supply varies. There are two cleaning nozzles with a pulsating jet of air that may be activated together or individually. Nozzle diameters may be adjusted without tools depending on the application. This reduces compressed air consumption considerably. Blowing direction may be adjusted flexibly to suit the respective cleaning task by changing the angle of the air jet.
The electrode at the centre of the Ion Blower Nozzle is protected against accidental contact and provides for a reliable electrical discharge.

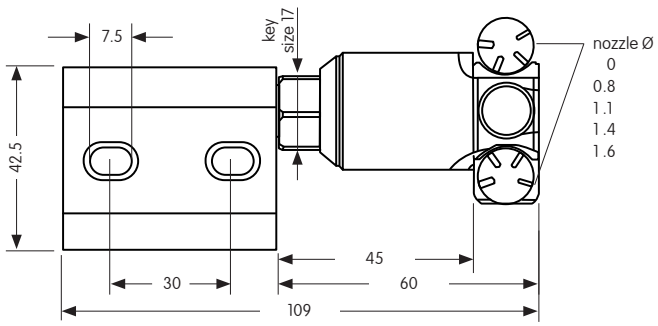
Technical data

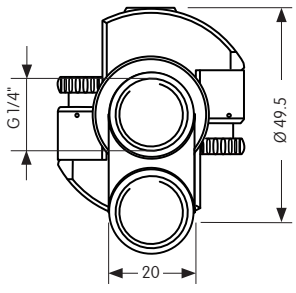
Ion Blower Nozzle Janus 50 DE/2/2 x 1.6

Compressed air	6 bar, filtered
Quality	Category 5 (DIN ISO 8573-1)
Consumption[1]	130 l/min - 223 l/min
Connection	G 1/4" thread
Rotatiting disk	Ø 49.5 mm
Blowing nozzles (2 units)[2]	Setting 1: Ø 0.0 mm
	" 2: Ø 0.8 mm
	" 3: Ø 1.1 mm
	" 4: Ø 1.4 mm
	" 5: Ø 1.6 mm
Blowing direction	axially and radially
Regulated speed[3]	approx. 650 - 800 rpm
Integration position	any
Supply voltage	24 V DC
Acoustic emission[1]	74 dB(A) - 83 dB(A)

[1] with 6 bar and 2 x 0.8 mm or 2 x 1.6 mm nozzle diameter
[2] nozzle diameter may be adjusted without tools
[3] with 2.5 bar or 6 bar

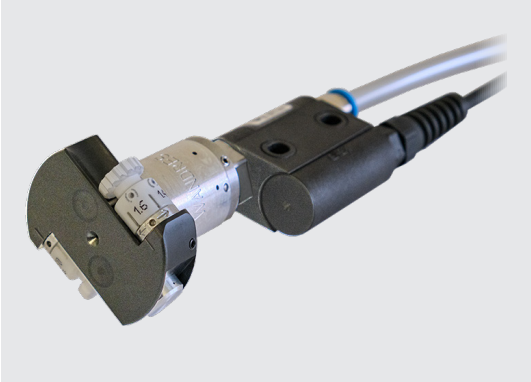
Technical data are subject to change





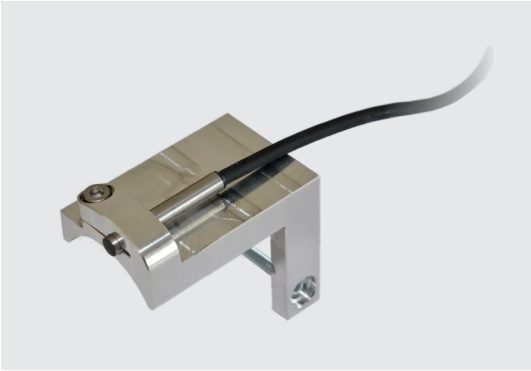
values in mm

Order no.



10005419	Ion Blower Nozzle Janus 50 DE/2/2 x 1.6 Excluding: - High-voltage power supply unit ES24 - High-voltage cable - G 1/4" push-in fitting
9104415	Push-in fitting - G 1/4" to plug connection Ø 8 mm

10005510	High-voltage power supply unit ES24 supplies up to 2 Ion Blower Nozzles Technical data: - Type Compact Power ES24 - Exits 2 x 5 kV AC - Supply voltage 24 V DC - Visual control display - Analogous error signal - Protection class IP54 (EN 60529)
10005539 10005540	High-voltage cable 2,5 m High-voltage cable 5 m (for max. 1 nozzle) between ES24 and Ion Blower Nozzle



10005418	Speed control Clamping device with inductive sensor Technical data: - 2 Signals / rotation - Operating voltage 24 V DC - Operating current 100 mA - Visual function display

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