

SILVENT 453

- **360° nozzle, small**

SILVENT 453: the smallest version of Silvent's doughnut nozzles with just an inner ring of nozzles. This is our most commonly used type of doughnut nozzle. Finding the blowing pattern that is most suitable for the majority of blow-off processes is the result of years of experience with previous generations of doughnut nozzles. These nozzles are designed for continuous production and the cleaning or drying of cables, sections, pipes, hoses, etc. The SILVENT 453 allows problem-free insertion and removal of material with diameters of 5 mm to 25 mm (0.2"-1.0"). There are attachment lugs for easy and safe mounting.

TECHNICAL DATA

Replace open pipe Ø (mm)	10
Blowing force (N)	20.0
Air consumption (Nm³/h)	114
Sound level (dB(A))	90
Nozzle technology	Slot
Material (nozzle)	Zn
Connection	G 1/2"
Weight (g)	275
Max temp (°C)	70
Max op. pressure (MPa)	1.0

Noise reduction **22 dB(A)** **Energy savings** **71 Nm³/h**

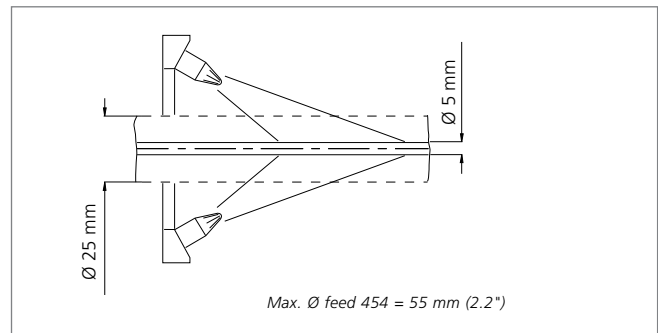
Feed pressure = 500 (kPa)

Material specification: Zn ZP0410 EN 1284, EN 1.0718 Fzb

Blowing properties at different pressures (kPa)

453	200	400	600	800	1000
Blowing force (N)	8.4	15.6	24.0	30.6	37.8
Air consumption (Nm³/h)	55.8	91.8	136.8	178.8	220.8
Sound level (dB(A))	82.0	87.8	92.0	95.9	98.5

*For further information, see page 166 or visit silvent.com.

Blowing coverage (mm)**ALTERNATIVES****454**

SILVENT 454: with just an outer ring of flat nozzles for minimal noise level and air consumption. Perfect for blow-off of light particles or small amounts of liquid on material passing through the nozzle at moderate speeds. Blowing force 16.0 N (3.5 lbs).

455

SILVENT 455: a unique double nozzle system for optimal results. The outer ring provides initial cleaning and prepares the surfaces for the inner system, which then completes the drying or cleaning process. Blowing force 36.0 N (7.9 lbs).