

The air purifiers

TEKA

Wet cyclone separator type WNA 3500 AL



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Description

Wet cyclone separator type WNA 3500 AL

The filter unit is appropriate for the filtration of aluminium grinding dust.

As the accumulation of aluminium grinding dust produces a potential risk of explosion, the interior of the WNA-AL protected against sparking due to the explosion-proof engine and the grounded internal parts.

The advantages of the unit are its simple and trouble-free operation. Pumps or jets which could create troubles are not used.

The air is cleaned by swirling the dust with water. The particles in the air flow are enclosed by water and bonded.

The extracted dust particles deposit in the lower water tank and can be discharged by the ball valve which is installed at the lowest position of the unit and can be extracted through a maintenance flap.

The fan is suitable for continuous operation and is placed onto the unit by standard.

Properties

Fan design:	auf der Anlage
Intake opening (mm):	NW 224 - Rückseite
Water consumption (l/h):	ca. 7
Water filling quantity during operation (litres):	ca. 180
Volumetric flow (m³/h):	2.900
max. pressure (Pa):	3.200
Engine power (kW):	4,1
Supply voltage (V):	400
Connection frequency (Hz):	50
Current consumption (A):	8,1
Current type:	3Ph+N+PE
Filter control:	Wasserstandskontrolle, Differenzdruck-Überwachung
Engine control:	Motorschutzscharter
Aufbau der Motorsteuerung:	Steuerung an rechte Gehäusesseite montiert
Separation efficiency (%):	> 80
Ausblas:	über Bogenschalldämpfer NW 355 - rechte Seite
Sound level (dB(A)):	74
Weight (kg):	600
Width (mm):	1.050
Depth (mm):	1.360

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Properties

Height (mm):	2.635
Colour:	RAL 7016