DG VL 110 SE PN - INDUSTRIAL THREE PHASE

STEELWORKS AND FOUNDRIES

CEMENT WORKS AND CONSTRUCTION IN

POWER PLANTS

BUILDING AND CONSTRUCTION

- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Complete steel construction
- ✓ High filtration efficiency
- ✓ Suitable for high specific weight material
- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Star-triangle switchboard for progressive motor start
- ✓ Integrated filter cleaning system
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging

SUCTION UNIT

Voltage	V - Hz	400-50 3~
Power	kW	11
Electrical protection	IP	65
Max waterlift	mmH2O	6000
Max air flow	m³/h	480
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	71

FILTRATION UNIT

Filter Type		Cartridge
Surface - Diameter	cm²-mm	106.000
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m³/m²/h	45
Cleaning system		Automatic PN
Cartridge number		4

COLLECTION UNIT

Discharge system		Roll-out container
Capacity	lt.	160

VOLUME

Dimensions	cm	180x77x200h
Weight	kg	200

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SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.
A pressure relief valve protects the motor, providing additional air for cooling.

FILTRATION UNIT

The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material.
Cartridges are automatically cleaned by a pneumatic reverse pulse cleaning system.The system is automatic, timed and adjustable. A compressor can be installed (on demand) on the back frame to guarantee the required air supply.
A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

COLLECTION UNIT

The vacuumed material is collected into a wheeled steel detachable container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal.

OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ REMOTE CONTROL
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ ABSOLUTE HEPA FILTER
- ✓ PTFE COATED FILTER CLASS M
- ✓ EARTH GROUNDING

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