DG VL 185 - INDUSTRIAL THREE PHASE

CEMENT

CERAMICS AND POTTERY INDUSTRIES

BUILDING AND CONSTRUCTION









- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Integrated filter cleaning system
- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging
- ✓ Star-triangle switchboard
- ✓ Simultaneous suction of solid, dust and liquid material
- ✓ Filter-shaking cleaning system with compressor for Self Clean

SUCTION UNIT

Voltage	V - Hz	400 - 50
Power	kW	18,5
Electrical protection	IP	65
Max waterlift	mmH2O	4.000
Max air flow	m³/h	1.350
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	81,5

FILTER UNIT

Filter Type		Star
Surface - Diameter	cm²-mm	70.000 - 560
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m³/m²/h	192
Cleaning system		SELF CLEAN

COLLECTION UNIT

Discharge system		Roll-out container
Capacity	lt.	160

VOLUME

Dimensions	cm	180x77x200h
Weight	kg	265

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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.

FILTER UNIT

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.
The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material.
The filter is equipped with a semiautomatic cleaning system handled by the operator. A pneumatic cylinder shakes the star filter by a vertical shaking movement which causes the detachment of dusts and wastes from the filter. This way, the operator will be able to decide without any limits when to turn the vacuum cleaner off and to clean the filter.The vacuum cleaner is equipped with a compressor which guarantees the autonomy of the machine.

COLLECTION UNIT

The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels , that make it suitable for mobile service even when used on rough surfaces.
The detachable steel collection tank has a quick release system for the rapid disposal of the sucked material.
Forklift intakes for easy discharge.

OPTIONALS

- ✓ ABSOLUTE HEPA FILTER
- ✓ PTFE COATED FILTER CLASS M
- ✓ REVERSE PULSE FILTER CLEANING
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ REMOTE CONTROL
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ PRESSURE DIFFERENTIAL KIT FOR USE OF DISPOSABLE BAG
- ✓ SELF CLEAN FILTER SYSTEM WITH COMPRESSOR
- ✓ FILTER SHAKER WITH PUSH BUTTON

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