

Copy of DG VL 110 SE MAN - INDUSTRIAL THREE PHASE



CEMENT



CERAMICS AND POTTERY INDUSTRIES



METALWORKING



SAND BLASTING



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Vacuum gauge to detect filter clogging
- ✓ Integrated filter cleaning system
- ✓ Star-triangle switchboard
- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Easy filter replacement
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Reduced downtime of machine tools
- ✓ Pressure relief valve for motor protection



SUCTION UNIT

Voltage	V - Hz	400 - 50 3~
Power	kW	11
Electrical protection	IP	65
Max water lift	mmH ₂ O	5100
Max air flow	m ³ /h	520
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	72



FILTER UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	70000 - 560
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m ³ /m ² /h	74
Cleaning system		Manual



COLLECTION UNIT

Discharge system		
Capacity	l	160



VOLUME

Dimensions	cm	170x74x200h
Weight	kg	290



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It is 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

The large surface star filter, located inside the filter stainless steel chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

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



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ EARTH GROUNDING
- ✓ REMOTE CONTROL
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ ATEX CERTIFICATION
- ✓ FLOOR FIXED SYSTEM, WITHOUT WHEELS