



In presence of conductive dust

TECHNICAL DATA		50 Hz	60 Hz
• Power (with ATEX certified vacuum unit)	kW - HP	2,6 - 3,5	3,1 - 4,2
• Input voltages ^{1) 2)} Current settings available	V A	360Y ... 440Y 6Y 210D ... 250D 10,4D	340Y ... 420Y 6,5Y 200D ... 240D 11,3D
• Electrical cable length Electrical plug		9 meters Not supplied	
• ATEX mark		 II 3D - Ex c t IIIC T135°C Dc	
• Electric protection ^{a)} Insulation class ^{b)} Energetic class ^{c)}		IP 65 F IE1	
• Maximum vacuum Optimum vacuum ³⁾	mmHg	3.200 2.500	3.500 2.550
• Maximum air flow	l/min - m³/h	5.334 - 320	6.000 - 360
• Acoustic level ^{d)}	dB (A)	73	74
• Dust bin: capacity wheels diameter	l mm	90 - 50 60	
• Diameters: material inlet wheels ⁴⁾ (front - rear)	mm	70 200 - 150	
• Dimensions: L x W x H (H.008) Weight	mm kg	1.000 x 650 x 1.445 (1.745) 125	
• Packing size ⁵⁾ : L x W x H (H.008) Weight	mm kg	1.120 x 720 x 1.600 (1.900) 141	
• Primary filter		Star filter	
Surface area Diameter	cm² - m² mm	19.500 - 1,95 460	
Dust Class ^{6) e)} Media ⁷⁾		M Antistatic polyester	
Filter cleaning ⁸⁾		Manual filter shaker	
• Automatic filter cleaning - Optional		Cartridges kit	
Surface area Nominal output	cm² - m² m³/h	56.400 - 5,64 2.030	
Dust Class ^{e)} Media		M Antistatic polyester	
Compressed air consumption pressure	nl/min bar	48 4 ÷ 6	
• Upstream absolute filter - Optional		HEPA 14	
Surface area Nominal output	cm² - m² m³/h	28.000 - 2,8 480	
Dust Class ^{f)} Media		H14 Glass fibre	
Efficiency M.P.P.S. ^{f)} (with 0,18 µm particles)		99,995%	

¹⁾ Other input voltages upon request

²⁾ Default factory setting: 400 V - 50 Hz

³⁾ Maximum vacuum in continuous run

⁴⁾ Antistatic wheels

⁵⁾ Standard packing size

⁶⁾ PTFE coated antistatic star filter available upon request

⁷⁾ Other materials available according to the material to be vacuumed

⁸⁾ Electric filter shaker with push-button available as optional

Normatives: a) IEC60529; b) IEC60085; c) IEC60034-2-1; d) EN60704-2-1; e) EN60335-2-69; f) EN1822

AVAILABLE VERSIONS	
• KB3.022	90 litres three phase vacuum cleaner - IP65 - ATEX zone 22
• KB3/50.022	50 litres three phase vacuum cleaner - IP65 - ATEX zone 22

OPTIONS		
• 001	AISI 304 stainless steel dust bin (instead of the painted one)	included
• 002	AISI 304 stainless steel dust bin and filtering chamber	
• 003	Entirely made out of AISI 304 stainless steel	upon request
• 004	Liquids switch off	not available
• 005	Upstream absolute filter (HEPA)	
• 006	Electric filter shaker with push-button	
• 008	Automatic reverse jet cartridge filtering system	
• 066	Dust bin overfilling switch off	upon request
•	Reinforced dust bin	upon request
•	On\off arrangement through micro-switch	upon request
•	Overheating safety relief valve	included

For an effective and proper use according to your application requirements, please see our accessories and spare parts catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification

