



TECHNICAL DATA		50 Hz	60 Hz
• Power	kW - HP	2,5 - 3,4	---
• Input voltages <sup>1)</sup>   Current <sup>2)</sup>	V   A	230   16 ---	---
• Electrical cable length   Electrical plug		9 meters   Not supplied	
• ATEX mark		Ex II 3D - Ex c t IIIB T135°C Dc	
• Electric protection <sup>a)</sup>   Insulation class <sup>b)</sup>   Energetic class <sup>c)</sup>		IP 55   F   IE1	
• Maximum vacuum   Optimum vacuum <sup>3)</sup>	mmH <sub>2</sub> O	3.100   2.000	---
• Maximum air flow	l/min - m <sup>3</sup> /h	5.000 - 300	---
• Acoustic level <sup>d)</sup>	dB (A)	70	---
• Dust bin: capacity   wheels diameter	l   mm	90   60	
• Diameters: material inlet   wheels <sup>4)</sup> (front - rear)	mm	70   200 - 150	
• Dimensions: L x W x H (H.008)   Weight	mm   kg	1.120 x 620 x 1.450 (1.770)   121	
• Packing size <sup>5)</sup> : L x W x H (H.008)   Weight	mm   kg	1.120 x 730 x 1.560 (1.900)   136	
• Primary filter		Star filter	
Surface area   Diameter	cm <sup>2</sup> - m <sup>2</sup>   mm	19.500 - 1,95   460	
Dust Class <sup>6)</sup> e)   Media <sup>7)</sup>		M   Antistatic polyester	
Filter cleaning <sup>8)</sup>		Ergonomic manual shaker	
• Automatic filter cleaning - Optional		Cartridges kit	
Surface area   Nominal output	cm <sup>2</sup> - m <sup>2</sup>   m <sup>3</sup> /h	56.400 - 5,64   2.030	
Dust Class <sup>e)</sup>   Media		M   Antistatic polyester	
Compressed air consumption   pressure	nl/min   bar	48   4 ÷ 6	
• Upstream absolute filter - Optional		HEPA 14	
Surface area   Nominal output	cm <sup>2</sup> - m <sup>2</sup>   m <sup>3</sup> /h	28.000 - 2,8   ---	
Dust Class <sup>f)</sup>   Media		H14   Glass fibre	
Efficiency M.P.P.S. <sup>f)</sup> (with 0,18 µm particles)		99,995%	

<sup>1)</sup> Default factory setting: 230 V

<sup>2)</sup> Ampère 4 times more at start

<sup>3)</sup> Maximum vacuum in continuous run

<sup>4)</sup> Antistatic wheels

<sup>5)</sup> Standard packing size

<sup>6)</sup> PTFE coated antistatic star filter available upon request

<sup>7)</sup> Other materials available according to the material to be vacuumed

<sup>8)</sup> 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

• **KB2.100.022B** 90 litres three phase vacuum cleaner - IP55 - ATEX zone 22

• **KB2/50.100.022B** 50 litres three phase vacuum cleaner - IP55 - ATEX zone 22

## OPTIONS

- **001** AISI 304 stainless steel dust bin (instead of the painted one)
- **002** AISI 304 stainless steel dust bin and filtering chamber
- **003** Entirely made out of AISI 304 stainless steel
- **004** Liquids switch off
- **005** Upstream absolute filter (HEPA) - version: painted | AISI 304 stainless steel
- **006** Electric filter shaker with push-button
- **008** Automatic reverse jet cartridge filtering system
- **066** Dust bin overfilling switch off
- Reinforced dust bin
- On/off arrangement through micro-switch
- Overheating safety relief valve

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

