



ASPIRATEUR INDUSTRIEL TRIPHASE AVEC BAC DE 90 LITRES

Les aspirateurs de la SERIE KB.022 sont les aspirateurs industriels triphasés conçus pour répondre aux besoins exigeants des environnements industriels.

Avec leur système de secouage manuel et leur filtre étoile en polyester, ces aspirateurs offrent des performances exceptionnelles pour une aspiration efficace et une qualité d'air supérieur.

Les KB.022, avec leurs unités aspirantes triphasées de 2.6 à 5.2 kW, les aspirateurs parfaits pour éliminer facilement les débris, la poussières et les particules polluantes de vos environnements de travail.

Leur conception robuste garantit une durabilité exceptionnelle, ce qui en fait un équipement fiable et rentable pour vos opérations à long terme.

Le système de secouage manuel permet de nettoyer facilement le filtre primaire, qui offre une filtration efficace des poussières fines et des particules, garantissant une qualité d'air améliorée dans votre environnement de travail.

Appareil certifié zone ATEX 22



APPLICATIONS

- Aspiration de copeaux
- Aspiration de poussières et particules polluantes.

DONNEES TECHNIQUES

Puissance	2.6 / 5.2 kW
Tension	400 V 3
Dépression maximale	200 à 5100 mmH ² O
Débit d'air maximum	320 à 520 m ³ /h
Capacité de la cuve	90 l



Bouton ON/OFF et embouchure côté tablier



Poignée de décolmatage



Filtre étoile



OPTION : Cuve et Chambre filtrante en INOX

KB-460 - 90

KB3M.022 - KB3PM.022 - KB5SM.022 - KB5PM.022

3~ IP65

**ATEX ZONE 22
IN PRESENCE OF CONDUCTIVE DUST**



GENERAL FEATURES

- Overheating safety relief valve
- Antistatic wheels
- H filtration for hazardous dust vacuuming

~ 50 Hz TECHNICAL DATA		KB3M.022	KB3PM.022	KB5SM.022	KB5PM.022
• Power	kW - HP	2,6 - 3,5	4 - 5,4	5,2 - 7	5,2 - 7
• ATEX Mark		II3D - Ex h tc IIIC T 135°C Dc	II3D - Ex h tc IIIC T 125°C Dc	II3D - Ex h tc IIIC T 135°C Dc	
• Input voltages Y ¹⁾	V	360 ... 440	380 ... 420	360 ... 440	360 ... 440
• Current Y	A	6	7,4	10	10
• Input voltages D ¹⁾	V	---	---	---	---
• Current D	A	---	---	---	---
• Electric protection ^{a)}		IP65	IP65	IP65	IP65
• Insulation class ^{b)}		F	F	F	F
• Energetic class ^{c)}		IE1	IE3	IE1	IE1
• Maximum vacuum	mmH ₂ O	3.750	3.200	5.100	3.200
	mbar	375	320	510	320
• Nominal vacuum ²⁾	mmH ₂ O	2.300	2.400	4.450	2.630
	mbar	230	240	445	263
• Maximum air flow	l/min	5.333	7.175	5.333	8.667
	m ³ /h	320	431	320	520
• Acoustic level ^{d)}	dB (A)	73	73	74	74

ELECTRICAL FEATURES

• Default factory setting	V Hz	400 50
• Electrical cable:	type	4G2,5 HO7RN-F
	length	9 m
	plug	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	90	
• Diameters:	material inlet air exhaust	mm	70 100
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	990 x 650 x 1.440
• Standard packing size:	L x W x H	mm	1.140 x 730 x 1.610

		KB3M.022	KB3PM.022	KB5SM.022	KB5PM.022
• Weight	kg	118	147	150	150
• Packing weight	kg	133	162	165	165

FILTRATION DATA

		KB3M.022 - KB3PM.022	KB5SM.022 - KB5PM.022	
	• Default primary star filter			
	Surface area	cm ² - m ²	19.500 - 1,95	
	Diameter	mm	460	
	Dust Class ^{e)} Media ³⁾		M Antistatic polyester	
	Filter cleaning		Ergonomic manual filter shaker	
	• Optional primary filter - cartridges kit - Variant (.008)			
	Surface area Diameter	cm ² - m ² mm	56.400 - 5,64 460	
	Dust Class ^{e)} Media		M Antistatic polyester	
	Compressed air consumption pressure	nl/min bar	48 4 ÷ 6	
	Filter cleaning		Automatic cleaning system	
	• Upstream absolute filter - Variant (.005)			
	Surface area	cm ² - m ²	28.000 - 2,8	52.000 - 5,2
	Media		Glass Fibre	Glass Fibre
	Dust Class ^{f)}		H14	H14
	Efficiency M.P.P.S. ^{f)4)}		99,995%	99,995%

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

Notes:

¹⁾ Other input voltages upon request

²⁾ Maximum vacuum in continuous run

³⁾ Other materials available according to the material to be vacuumed

⁴⁾ With 0,18 µm particles

MACHINES

KB3M.022	2,6 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB3PM.022	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB5SM.022	5,2 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB5PM.022	5,2 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner

OUTFITS

• 001	AISI 304 stainless steel dust bin	I
• 002	AISI 304 stainless steel dust bin and filtering chamber	
• 003	Entirely made out of AISI 304 stainless steel	
• 004	Liquids bin level monitoring system switch off	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system - not available for KB5P	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel - not available for KB5P	
• 066	Bin overfilling machine switch off	
• 104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	
• 603	Disposal bag vacuum balance system for dust collection directly into plastic bags	
• 800	Material inlet fitted on the back side	

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**KB3M.022B - KB3PM.022B - K4SM.022B -
KB4PM.022B - KB5SM.022B - KB5PM.022B**

3~ M Ex IP55

**ATEX ZONE 22
NO CONDUCTIVE DUST**



GENERAL FEATURES

- Overheating safety relief valve
- Antistatic wheels
- H filtration for hazardous dust vacuuming

~ 50 Hz TECHNICAL DATA

		KB3M.022B	KB3PM.022B	KB4SM.022B	KB4PM.022B	KB5SM.022B	KB5PM.022B
• Power	kW - HP	3 - 4	3 - 4	4 - 5,4	4 - 5,4	5,5 - 7,4	5,5 - 7,4
• ATEX Mark		II3D - Ex h tc IIIB T 135°C Dc					
• Input voltages Y ¹⁾	V	360 ... 440	345 ... 415	360 ... 440	360 ... 440	360 ... 440	360 ... 440
• Current Y	A	6,7	7,2	9,5	9,5	11	11
• Input voltages D ¹⁾	V	---	---	---	---	---	---
• Current D	A	---	---	---	---	---	---
• Electric protection ^{a)}		IP55	IP55	IP55	IP55	IP55	IP55
• Insulation class ^{b)}		F	F	F	F	F	F
• Energetic class ^{c)}		IE1	IE1	IE1	IE1	IE1	IE1
• Maximum vacuum	mmH ₂ O	3.200	3.200	5.100	3.200	5.100	3.200
	mbar	320	320	510	320	510	320
• Nominal vacuum ²⁾	mmH ₂ O	2.500	2.200	3.700	2.200	4.450	2.630
	mbar	250	220	370	220	445	263
• Maximum air flow	l/min	5.333	7.175	5.333	8.667	5.333	8.667
	m ³ /h	320	431	320	520	320	520
• Acoustic level ^{d)}	dB (A)	73	73	75	74	75	74

ELECTRICAL FEATURES

• Default factory setting	V Hz	400 50
• Electrical cable:	type	4G2,5 HO7RN-F
	length	9 m
	plug	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40
• Dust bin capacity	lt	90
• Diameters:	material inlet air exhaust	mm 70 100
	wheels: chassis bin	mm 150 - 200 60
• Dimensions:	L x W x H	mm 990 x 650 x 1.440
• Standard packing size:	L x W x H	mm 1.140 x 730 x 1.610

		KB3M.022B	KB3PM.022B	KB4SM.022B	KB4PM.022B	KB5SM.022B	KB5PM.022B
• Weight	kg	117	118	141	141	150	150
• Packing weight	kg	132	133	156	156	165	165

FILTRATION DATA

		KB3 - KB3P	KB4S - KB4P - KB5S - KB5P
	• Default primary star filter		
	Surface area	cm ² - m ²	19.500 - 1,95
	Diameter	mm	460
	Dust Class ^{e)} Media ³⁾		M Antistatic polyester
	Filter cleaning		Ergonomic manual filter shaker
	• Optional primary filter - cartridges kit - Variant (.008)		
	Surface area Diameter	cm ² - m ² mm	56.400 - 5,64 460
	Dust Class ^{e)} Media		M Antistatic polyester
	Compressed air consumption pressure	nl/min bar	48 4 ÷ 6
	Filter cleaning		Automatic cleaning system
	• Upstream absolute filter - Variant (.005)		
	Surface area	cm ² - m ²	28.000 - 2,8
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		99,995%

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

Notes:

- ¹⁾ Other input voltages upon request
²⁾ Maximum vacuum in continuous run
³⁾ Other materials available according to the material to be vacuumed
⁴⁾ With 0,18 µm particles

MACHINES

KB3M.022B	3 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB3PM.022B	3 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB4SM.022B	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB4PM.022B	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB5SM.022B	5,5 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB5PM.022B	5,5 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner

OUTFITS

• 001	AISI 304 stainless steel dust bin
• 002	AISI 304 stainless steel dust bin and filtering chamber
• 003	Entirely made out of AISI 304 stainless steel
• 004	Liquids bin level monitoring system switch off
• 005	Upstream absolute filter (HEPA) with M dust class primary filter - for 3 kW
	Upstream absolute filter (HEPA) with M dust class primary filter - for 4 and 5,5 kW
• 006	Electric filter shaker with push-button
• 006A	Automatic electric filter shaker
• 008	Automatic reverse jet cartridge filtering system - not available for KB4P and KB5P
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel - not available for KB4P and KB5P
• 066	Bin overfilling machine switch off
• 104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel
• 603	Disposal bag vacuum balance system for dust collection directly into plastic bags
• 800	Material inlet fitted on castor wheels side
• /50	50 liters dust bin - version: painted

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KB3M.Z2 - K3PM.Z2 - KB5SM.Z2 - KB5PM.Z2



ATEX ZONES 2, 22



GENERAL FEATURES

- Overheating safety relief valve
- Antistatic wheels
- H filtration for hazardous dust vacuuming

~ 50 Hz TECHNICAL DATA		KB3M.Z2	KB3PM.Z2	KB5SM.Z2	KB5PM.Z2
• Power	kW - HP	4 - 5,4	4 - 5,4	7,5 - 10,1	7,5 - 10,1
• ATEX Mark		II3GD Ex dc h IIB T3 Gc - h tc IIIB T 125°C Dc			
• Input voltages Y ¹⁾	V	---	---	---	---
• Current Y	A	---	---	---	---
• Input voltages D ¹⁾	V	400	400	400	400
• Current D	A	7,4	7,4	13,1	13,1
• Electric protection ^{a)}		IP55	IP55	IP55	IP55
• Insulation class ^{b)}		F	F	F	F
• Energetic class ^{c)}		IE3	IE3	IE3	IE3
• Maximum vacuum	mmH ₂ O	3.200	3.200	6.000	3.000
	mbar	320	320	600	300
• Nominal vacuum ²⁾	mmH ₂ O	2.600	2.400	3.500	2.400
	mbar	260	240	350	240
• Maximum air flow	l/min	5.688	7.175	5.600	8.925
	m ³ /h	341	431	336	536
• Acoustic level ^{d)}	dB (A)	69	73	73	74

ELECTRICAL FEATURES

• Default factory setting	V Hz	400 50
• Electrical cable:	type	4G2,5 HO7RN-F
	length	9 m
	plug	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	90	
• Diameters:	material inlet air exhaust	mm	70 100
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	990 x 650 x 1.440
• Standard packing size:	L x W x H	mm	1.140 x 730 x 1.610

		KB3M.Z2	KB3PM.Z2	KB5SM.Z2	KB5PM.Z2
• Weight	kg	141	147	182	150
• Packing weight	kg	156	162	197	165

FILTRATION DATA

		KB3M.Z2 - KB3PM.Z2	KB5SM.Z2 - KB5PM.Z2	
	• Default primary star filter			
	Surface area	cm ² - m ²	19.500 - 1,95	
	Diameter	mm	460	
	Dust Class ^{e)} Media ³⁾		M Antistatic polyester	
	Filter cleaning		Ergonomic manual filter shaker	
	• Optional primary filter - cartridges kit - Variant (.008)			
	Surface area Diameter	cm ² - m ² mm	56.400 - 5,64 460	
	Dust Class ^{e)} Media		M Antistatic polyester	
	Compressed air consumption pressure	nl/min bar	48 4 ÷ 6	
	Filter cleaning		Automatic cleaning system	
	• Upstream absolute filter - Variant (.005)			
	Surface area	cm ² - m ²	28.000 - 2,8	52.000 - 5,2
	Media		Glass Fibre	Glass Fibre
	Dust Class ^{f)}		H14	H14
	Efficiency M.P.P.S. ^{f) 4)}		99,995%	99,995%

Normatives: a) IEC60529; b) IEC600085; c) IEC60034-2-1; d) EN60704-2-1; e) EN60335-2-69; f) EN1822

Notes:

- ¹⁾ Other input voltages upon request
²⁾ Maximum vacuum in continuous run
³⁾ Other materials available according to the material to be vacuumed
⁴⁾ With 0,18 µm particles

MACHINES

KB3M.Z2	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB3PM.Z2	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB5SM.Z2	7,5 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB5PM.Z2	7,5 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner

OUTFITS

• 001	AISI 304 stainless steel dust bin	I
• 002	AISI 304 stainless steel dust bin and filtering chamber	I
• 003	Entirely made out of AISI 304 stainless steel	
• 004	Liquids bin level monitoring system switch off	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system - not available for KB5P	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel - not available for KB5P	
• 066	Bin overfilling machine switch off	
• 104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	
• 603	Disposal bag vacuum balance system for dust collection directly into plastic bags	
• 800	Material inlet fitted on the back side	