



BLUE LINE 50 Hz

CATALOGUE



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BLUE LINE

ATEX ZONE 22 - IP55 -

**Single phase models
with capacitor**

No conductive dust

.100

K2M.100.022B - KB2M.100.022B

1~ IP55

ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

- Overheating safety relief valve
- Antistatic wheels on K2.100
- Vacuum gauge on K2.100
- H filtration for hazardous dust vacuuming

~ 50 Hz TECHNICAL DATA

		K2M.100.022B	KB2M.100.022B
• Power	kW - HP	2,2 - 2,9	2,2 - 2,9
• ATEX Mark		II3D - Ex h tc III B T 135°C Dc	
• Input voltages Y ¹⁾	V	---	---
• Current Y	A	---	---
• Input voltages D ¹⁾	V	200 ... 240	200 ... 240
• Current D	A	15,0	15,0
• Electric protection ^{a)}		IP55	IP55
• Insulation class ^{b)}		F	F
• Energetic class ^{c)}		IE1	IE1
• Maximum vacuum	mmH ₂ O	3.200	3.200
	mbar	320	320
• Nominal vacuum ²⁾	mmH ₂ O	1.980	1.980
	mbar	198	198
• Maximum air flow	l/min	5.333	5.333
	m ³ /h	320	320
• Acoustic level ^{d)}	dB (A)	70	70

ELECTRICAL FEATURES

• Default factory setting	V Hz	230 50
• Electrical cable:	type	4G2,5 HO7RN-F
	length	9 m
	plug	Not supplied

GENERAL DATA

		K2M.100.022B	KB2M.100.022B
• Environmental working temperature:	°C	5 ÷ 40	5 ÷ 40
• Dust bin capacity	lt	90	90
• Diameters:	material inlet air exhaust	70 ---	70 100
	wheels: chassis bin	150 - 200 60	150 - 200 60
• Dimensions:	L x W x H	1.120 x 620 x 1.450	990 x 650 x 1.440
• Standard packing size:	L x W x H	1.140 x 730 x 1.610	1.140 x 730 x 1.610

		K2M.100.022B	KB2M.100.022B
• Weight	kg	122	116
• Packing weight	kg	137	131

FILTRATION DATA

	• 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	K2.100 KB2.100	Ergonomic manual filter shaker 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) 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

K2M.100.022B	2,2 kW	Painted (RAL 5012) 460 mm diameter single phase with capacitor industrial vacuum cleaner
KB2M.100.022B	2,2 kW	Painted (RAL 5012) 460 mm diameter single phase with capacitor industrial vacuum cleaner

OUTFITS

• 001	AISI 304 stainless steel dust bin
• 002	AISI 304 stainless steel dust bin and filtering chamber - for K2M.100.022B
• 003	AISI 304 stainless steel dust bin and filtering chamber - for KB2M.100.022B
• 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 - for K2M.100.022B
• 006	Electric filter shaker with push-button - for KB2M.100.022B
• 006A	Automatic electric filter shaker
• 008	Automatic reverse jet cartridge filtering system
• 00855	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel
• 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

Exclusively for KB2M.100.022B

• 800	Material inlet fitted on castor wheels side
• /50	50 liters dust bin - version: painted



BLUE LINE

ATEX ZONE 22 - IP55 -

Three phase models

No conductive dust

K-460 - 90

K3M.022B - K3PM.022B - K4SM.022B - K4PM.022B - K5SM.022B - K5PM.022B



ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		K3M.022B	K3PM.022B	K4SM.022B	K4PM.022B	K5SM.022B	K5PM.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)	70	70	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 ---
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	1.120 x 620 x 1.450
• Standard packing size:	L x W x H	mm	1.140 x 730 x 1.610

		K3M.022B	K3PM.022B	K4SM.022B	K4PM.022B	K5SM.022B	K5PM.022B
• Weight	kg	122	130	146	146	155	155
• Packing weight	kg	137	145	161	161	170	170

FILTRATION DATA

		K3 - K3P	K4S - K4P - K5S - K5P	
	• 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

K3M.022B	3 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K3PM.022B	3 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K4SM.022B	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K4PM.022B	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K5SM.022B	5,5 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K5PM.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 K4P and K5P
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel - not available for K4P and K5P
• 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

K-560 - 90

K4P/56M.022B - K5P/56M.022B


3~    IP55

ATEX ZONE 22
NO CONDUCTIVE DUST

GENERAL FEATURES

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



~ 50 Hz TECHNICAL DATA		K4P/56M.022B	K5P/56M.022B
• Power	kW - HP	4 - 5,4	5,5 - 7,4
• ATEX Mark		II3D - Ex h tc III BT 135°C Dc	
• Input voltages Y ¹⁾	V	360 ... 440	360 ... 440
• Current Y	A	9,5	11
• Input voltages D ¹⁾	V	---	---
• Current D	A	---	---
• Electric protection ^{a)}		IP55	IP55
• Insulation class ^{b)}		F	F
• Energetic class ^{c)}		IE1	IE1
• Maximum vacuum	mmH ₂ O	3.200	3.200
	mbar	320	320
• Nominal vacuum ²⁾	mmH ₂ O	2.200	2.630
	mbar	220	263
• Maximum air flow	l/min	8.667	8.667
	m ³ /h	520	520
• Acoustic level ^{d)}	dB (A)	74	74

ELECTRICAL FEATURES

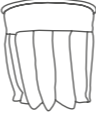
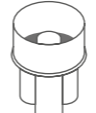

• Default factory setting	V Hz	400 50
• Electrical cable:	type	4G2,5 HO7RN-F
	length	9 m
	plug	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	90	
• Diameters:	material inlet air exhaust	mm	70 ---
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	1.120 x 620 x 1.450
• Standard packing size:	L x W x H	mm	1.140 x 730 x 1.610

		K4P/56M.022B	K5P/56M.022B
• Weight	kg	156	165
• Packing weight	kg	171	180

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f) 4)}		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

K4P/56M.022B	4 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K5P/56M.022B	5,5 kW	Painted (RAL 5012) 560 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
• 005	Upstream absolute filter (HEPA) with M dust class primary filter
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel
• 006	Electric filter shaker with push-button
• 006A	Automatic electric filter shaker
• 008	Automatic reverse jet cartridge filtering system
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel
• 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

KB-460 - 90

**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	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.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
• 005	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

KB-560 - 90

KB4P/56M.022B - KB5P/56M.022B

3~ IP55

ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		KB4P/56M.022B	KB5P/56M.022B
• Power	kW - HP	4 - 5,4	5,5 - 7,4
• ATEX Mark		II3D - Ex h tc III B T 135°C Dc	
• Input voltages Y ¹⁾	V	360 ... 440	360 ... 440
• Current Y	A	9,5	11
• Input voltages D ¹⁾	V	---	---
• Current D	A	---	---
• Electric protection ^{a)}		IP55	IP55
• Insulation class ^{b)}		F	F
• Energetic class ^{c)}		IE1	IE1
• Maximum vacuum	mmH ₂ O	3.200	3.200
	mbar	320	320
• Nominal vacuum ²⁾	mmH ₂ O	2.200	2.630
	mbar	220	263
• Maximum air flow	l/min	8.667	8.667
	m ³ /h	520	520
• Acoustic level ^{d)}	dB (A)	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	1.025 x 620 x 1.700
• Standard packing size:	L x W x H	mm	1.140 x 730 x 1.610

		KB4P/56M.022B	KB5P/56M.022B
• Weight	kg	151	160
• Packing weight	kg	166	175

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f) 4)}		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
⁵⁾ fitted with ergonomic filter shaker

MACHINES

KB4P/56M.022B	4 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
KB5P/56M.022B	5,5 kW	Painted (RAL 5012) 560 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
• 005 ⁵⁾	Upstream absolute filter (HEPA) with M dust class primary filter
• 005SS ⁵⁾	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel
• 006	Electric filter shaker with push-button
• 006A	Automatic electric filter shaker
• 008	Automatic reverse jet cartridge filtering system
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel
• 066	Bin overflowing 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

KB-560 - 90

KB6M.022B - KB6PM.022B

3~ IP55

ATEX ZONE 22
NO CONDUCTIVE DUST

GENERAL FEATURES

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



~ 50 Hz TECHNICAL DATA		KB6M.022B	KB6PM.022B
• Power	kW - HP	5,5 - 7,4	5,5 - 7,4
• ATEX Mark		II3D - Ex h tc IIIB T 135°C Dc	
• Input voltages Y ¹⁾	V	---	---
• Current Y	A	---	---
• Input voltages D ¹⁾	V	345 ... 415	345 ... 415
• Current D	A	11,1	11,1
• Electric protection ^{a)}		IP55	IP55
• Insulation class ^{b)}		F	F
• Energetic class ^{c)}		IE3	IE3
• Maximum vacuum	mmH ₂ O	4.300	4.000
	mbar	430	400
• Nominal vacuum ²⁾	mmH ₂ O	2.500	2.100
	mbar	250	210
• Maximum air flow	l/min	9.835	11.603
	m ³ /h	590	696
• Acoustic level ^{d)}	dB (A)	75	75

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	100 150
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	1.295 x 650 x 1.990
• Standard packing size:	L x W x H	mm	1.600 x 800 x 2.100

		KB6M.022B	KB6PM.022B
• Weight	kg	198	201
• Packing weight	kg	218	221

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f) 4)}		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

KB6M.022B	5,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
KB6PM.022B	5,5 kW	Painted (RAL 5012) 560 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
• 005 ³⁾	Upstream absolute filter (HEPA) with M dust class primary filter
• 005SS ³⁾	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel
• 006	Electric filter shaker with push-button
• 006A	Automatic electric filter shaker
• 008	Automatic reverse jet cartridge filtering system
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel
• 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
• 9006	RAL 9006

KB-560 - 90

KB7M.022B - KB7SM.022B - KB7PM.022B - KB9M.022B


3~    IP55

ATEX ZONE 22
NO CONDUCTIVE DUST

GENERAL FEATURES

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



~ 50 Hz TECHNICAL DATA		KB7M.022B	KB7SM.022B	KB7PM.022B	KB9M.022B
• Power	kW - HP	7,5 - 10,1	7,5 - 10,1	7,5 - 10,1	9,2 - 12,3
• ATEX Mark		II3D - Ex h tc IIIB T 135°C Dc			
• Input voltages Y ¹⁾	V	---	---	---	---
• Current Y	A	---	---	---	---
• Input voltages D ¹⁾	V	345 ... 415	345 ... 415	345 ... 415	345 ... 415
• Current D	A	15,5	15,5	15,5	17,8
• 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	4.300	4.300	4.300	4.300
	mbar	430	430	430	430
• Nominal vacuum ²⁾	mmH ₂ O	3.250	2.500	2.500	3.000
	mbar	325	250	250	300
• Maximum air flow	l/min	9.835	13.500	13.500	13.500
	m ³ /h	590	810	810	810
• Acoustic level ^{d)}	dB (A)	78	78	78	78

ELECTRICAL FEATURES


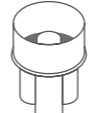

• Default factory setting		V Hz	400 50
• Electrical cable:	type		4G6 HO7RN-F
	length		9 m
	plug		Not supplied

GENERAL DATA

• Environmental working temperature:		°C	5 ÷ 40
• Dust bin capacity		lt	90
• Diameters:	material inlet air exhaust	mm	100 150
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	1.295 x 650 x 1.990
• Standard packing size:	L x W x H	mm	1.600 x 800 x 2.100

		KB7M.022B	KB7SM.022B	KB7PM.022B	KB9M.022B
• Weight	kg	220	223	223	229
• Packing weight	kg	240	243	243	249

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	120.000 - 12
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f) 4)}		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

KB7M.022B	7,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
KB7SM.022B	7,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
KB7PM.022B	7,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
KB9M.022B	9,2 kW	Painted (RAL 5012) 560 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
• 005 ³⁾	Upstream absolute filter (HEPA) with M dust class primary filter
• 0055 ³⁾	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel
• 006	Electric filter shaker with push-button
• 006A	Automatic electric filter shaker
• 008	Automatic reverse jet cartridge filtering system
• 00855	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel
• 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
• 9006	RAL 9006

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**K7M.022B - K9M.022B - K11SM.022B -
K11PM.022B - K13M.022B - K15M.022B**

3~ M Ex IP55

**ATEX ZONE 22
NO CONDUCTIVE DUST**



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		K7M.022B	K9M.022B	K11SM.022B	K11PM.022B	K13M.022B	K15M.022B
• Power	kW - HP	7,5 - 10,1	9,2 - 12,3	11 - 14,7	11 - 14,7	12,5 - 16,8	15 - 20,1
• ATEX Mark		II3D - Ex h tc IIB T 135°C Dc					
• Input voltages Y ¹⁾	V	---	---	---	---	---	---
• Current Y	A	---	---	---	---	---	---
• Input voltages D ¹⁾	V	345 ... 415	345 ... 415	400	345 ... 415	345 ... 415	345 ... 415
• Current D	A	15,5	17,8	27,5	21,7	28	33,2
• Electric protection ^{a)}		IP55	IP55	IP55	IP55	IP55	IP55
• Insulation class ^{b)}		F	F	F	F	F	F
• Energetic class ^{c)}		IE3	IE3	IE1	IE3	IE1	IE1
• Maximum vacuum	mmH ₂ O	4.300	4.300	5.000	5.000	4.500	4.750
	mbar	430	430	500	500	450	475
• Nominal vacuum ²⁾	mmH ₂ O	2.500	3.000	4.250	3.000	2.900	3.150
	mbar	250	300	425	300	290	315
• Maximum air flow	l/min	13.500	13.500	10.500	16.433	19.688	21.000
	m ³ /h	810	810	630	986	1.181	1.260
• Acoustic level ^{d)}	dB (A)	78	78	78	78	78	78

ELECTRICAL FEATURES		K7 - K9 - K11S - K11P - K13	K15
• Default factory setting	V Hz	400 50	400 50
• Electrical cable:	type	4G6 HO7RN-F	4G10 HO7RN-F
	length	9 m	9 m
	plug	Not supplied	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	175	
• Diameters:	material inlet air exhaust	mm	100 150
	wheels: chassis bin	mm	200 - 250 100
• Dimensions:	L x W x H	mm	1.450 x 710 x 2.040
• Standard packing size:	L x W x H	mm	1.600 x 800 x 2.150

		K7M.022B	K9M.022B	K11SM.022B	K11PM.022B	K13M.022B	K15M.022B
• Weight	kg	325	330	352	341	437	394
• Packing weight	kg	345	350	372	361	457	414

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	120.000 - 12
	Media		Glass fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		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

K7M.022B	7,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K9M.022B	9,2 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K11SM.022B	11 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K11PM.022B	11 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K13M.022B	12,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K15M.022B	15 kW	Painted (RAL 5012) 560 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
• 005	Upstream absolute filter (HEPA) with M dust class primary filter
• 0055S	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel
• 006	Electric filter shaker with push-button
• 006A	Automatic electric filter shaker
• 008	Automatic reverse jet cartridge filtering system
• 0085S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel
• 066	Bin overfilling machine switch off
• 104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel
• 120	M dust class primary filter
• 603	Disposal bag vacuum balance system for dust collection directly into plastic bags
• 806	Reinforced dust bin
• 820	Forklift forks sockets
• /90	90 liters dust bin - version: painted

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K7/78M.022B - K9/78M.022B - K11P/78M.022B -
K13/78M.022B - K15/78M.022B - K18/78M.022B

3~ IP55

ATEX ZONE 22
NO CONDUCTIVE DUST

GENERAL FEATURES

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



~ 50 Hz TECHNICAL DATA		K7/78M.022B	K9/78M.022B	K11P/78M.022B	K13/78M.022B	K15/78M.022B	K18/78M.022B
• Power	kW - HP	7,5 - 10,1	9,2 - 12,3	11 - 14,7	12,5 - 16,8	15 - 20,1	18,5 - 24,8
• ATEX Mark		II3D - Ex h tc IIIB T 135°C Dc					
• Input voltages Y ¹⁾	V	---	---	---	---	---	---
• Current Y	A	---	---	---	---	---	---
• Input voltages D ¹⁾	V	345 ... 415	345 ... 415	345 ... 415	345 ... 415	345 ... 415	345 ... 415
• Current D	A	15,5	17,8	21,7	28	33,2	37
• Electric protection ^{a)}		IP55	IP55	IP55	IP55	IP55	IP55
• Insulation class ^{b)}		F	F	F	F	F	F
• Energetic class ^{c)}		IE3	IE3	IE3	IE1	IE1	IE1
• Maximum vacuum	mmH ₂ O	4.300	4.300	5.000	4.500	4.750	4.000
	mbar	430	430	500	450	475	400
• Nominal vacuum ²⁾	mmH ₂ O	2.500	3.000	3.000	2.900	3.150	3.200
	mbar	250	300	300	290	315	320
• Maximum air flow	l/min	13.500	13.500	16.433	19.688	21.000	23.188
	m ³ /h	810	810	986	1.181	1.260	1.391
• Acoustic level ^{d)}	dB (A)	78	78	78	78	78	78

ELECTRICAL FEATURES		K7/78 - K9/78 - K11P/78 - K13/78	K15/78 - K18/78
• Default factory setting	V Hz	400 50	400 50
• Electrical cable:	type	4G6 HO7RN-F	4G10 HO7RN-F
	length	9 m	9 m
	plug	Not supplied	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	175	
• Diameters:	material inlet air exhaust	mm	100 150
	wheels: chassis bin	mm	200 - 250 100
• Dimensions:	L x W x H	mm	1.720 x 880 x 2.165
• Standard packing size:	L x W x H	mm	1.800 x 950 x 2.305

		K7/78M.022B	K9/78M.022B	K11P/78M.022B	K13/78M.022B	K15/78M.022B	K18/78M.022B
• Weight	kg	350	355	376	462	419	453
• Packing weight	kg	370	375	396	482	439	473

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	65.000 - 6,5
	Diameter	mm	780
	Dust Class ^{e)} Media ³⁾		M Antistatic polyester
	Filter cleaning		Electric filter shaker with push-button
	• Optional primary filter - cartridges kit - Variant (.008)		
	Surface area Diameter	cm ² - m ² mm	126.400 - 12,64 780
	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	130.000 - 13
	Media		Glass fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		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

K7/78M.022B	7,5 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K9/78M.022B	9,2 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K11P/78M.022B	11 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K13/78M.022B	12,5 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K15/78M.022B	15 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K18/78M.022B	18,5 kW	Painted (RAL 5012) 780 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 00555	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	I
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 00855	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 066	Bin overfilling machine switch off	
• 104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	
• 120	M dust class primary filter	
• 603	Disposal bag vacuum balance system for dust collection directly into plastic bags	
• 806	Reinforced dust bin	
• 820	Forklift forks sockets	
• /90	90 liters dust bin - version: painted	
• 9006	RAL 9006	

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K20SM.022B - K20PM.022B - K25SM.022B - K25PM.022B

3~ IP55

ATEX ZONE 22
NO CONDUCTIVE DUST

GENERAL FEATURES

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



~ 50 Hz TECHNICAL DATA		K20SM.002B	K20PM.002B	K25SM.002B	K25PM.002B
• Power	kW - HP	21,3 - 28,5	21,3 - 28,5	25,3 - 33,9	25,3 - 33,9
• ATEX Mark		II3D - Ex h tc IIIB T 135°C Dc			
• Input voltages Y ¹⁾	V	---	---	---	---
• Current Y	A	---	---	---	---
• Input voltages D ¹⁾	V	380 ... 420	380 ... 420	380 ... 420	380 ... 420
• Current D	A	38,3	38,3	44	46,5
• 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	6.500	4.500	6.500	4.500
	mbar	650	450	650	450
• Nominal vacuum ²⁾	mmH ₂ O	4.400	2.500	4.400	3.100
	mbar	440	250	440	310
• Maximum air flow	l/min	19.775	37.625	19.775	37.625
	m ³ /h	1.187	2.258	1.187	2.258
• Acoustic level ^{d)}	dB (A)	78	78	78	78

ELECTRICAL FEATURES

• Default factory setting	V Hz	400 50
• Electrical cable:	type	4G10 HO7RN-F
	length	9 m
	plug	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	175	
• Diameters:	material inlet air exhaust	mm	100 150
	wheels: chassis bin	mm	200 - 250 100
• Dimensions:	L x W x H	mm	2.100 x 887 x 2.323
• Standard packing size:	L x W x H	mm	2.100 x 950 x 2.488

		K20SM.002B	K20PM.002B	K25SM.002B	K25PM.002B
• Weight	kg	680	724	692	744
• Packing weight	kg	700	744	712	764

FILTRATION DATA

		K20SM.022B - K25SM.022B	K20PM.022B - K25PM.022B	
	• Default primary star filter			
	Surface area	cm ² - m ²	65.000 - 6,5	90.000 - 9
	Diameter	mm	780	780
	Dust Class ^{e)} Media ³⁾		M Antistatic polyester	
	Filter cleaning		Electric filter shaker with push-button	
	• Optional primary filter - cartridges kit - Variant (.008)			
	Surface area Diameter	cm ² - m ² mm	126.400 - 12,64 780	
	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	130.000 - 13	260.000 - 26
	Media		Glass Fibre	
	Dust Class ^{f)}		H14	
	Efficiency M.P.P.S. ^{f)4)}		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

K20SM.022B	21,3 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K20PM.022B	21,3 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K25SM.022B	25,3 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K25PM.022B	25,3 kW	Painted (RAL 5012) 780 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 00555	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	I
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system - for K20S and K25S	
	Automatic reverse jet cartridge filtering system - for K20P and K25P	
• 00855	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 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	
• 806	Reinforced dust bin	
• 820	Forklift forks sockets	
• /90	90 liters dust bin - version: painted	



BLUE LINE

ATEX ZONE 22

Compressed air models

No conductive dust

KC-360

KC36M.022B



ATEX ZONE 22
NO CONDUCTIVE DUST

GENERAL FEATURES

- Vacuum gauge
- Antistatic wheels
- H filtration for hazardous dust vacuuming

TECHNICAL DATA

• ATEX Mark		II 3D Ex h IIIB T60°C Dc
• Input compressed air		
Air flow required	nl/min	1.600
Pressure required	bar	6
• Antistatic hose:	inner diameter	mm 19
	length	m 6
• Maximum vacuum ¹⁾	mmH ₂ O	3.500
	mbar	350
• Maximum air flow ¹⁾	l/min	2.333
	m ³ /h	140
• Acoustic level ²⁾	dB (A)	69

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40
• Dust bin capacity	lt	25
• Diameters:	material inlet	mm 50
	wheels: chassis bin	mm 100 - 150 50
• Dimensions:	L x W x H	mm 572 x 502 x 1.080
• Standard packing size:	L x W x H	mm 820 x 550 x 1.630

• Weight	kg	38
• Packing weight	kg	47



FILTRATION DATA

		Default	Variant 120M16
	• Primary star filter		
	Dust Class ^{d)}	M	M
	Media ³⁾	Antistatic polyester	Polyurethane injected polyester
	Surface area	cm ² - m ² 7.000 - 0,7	10.000 - 1
	Diameter	mm	360
Filter cleaning type		Ergonomic manual filter shaker	
	• Upstream absolute filter - Variant (.005)		
	Surface area	cm ² - m ²	16.000 - 1,6
	Media		Glass fibre
	Dust Class ^{e)}		H14
	Efficiency M.P.P.S. ^{e)4)}		99,995%

Normatives: a) EN60704-2-1; b) EN60335-2-69; c) EN1822

Notes:

¹⁾ Measured at 6 bar

²⁾ Maximum vacuum in continuous run

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

⁴⁾ With 0,18 µm particles

MACHINES

KC36M.022B Painted (RAL 5012) compressed air driven industrial vacuum cleaner - 1 Venturi device

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
- **005** Upstream absolute filter (HEPA) with M dust class primary filter

KC-460

KCM.022B - KC2/46M.022B



ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

- Vacuum gauge
- Antistatic wheels
- H filtration for hazardous dust vacuuming

TECHNICAL DATA

		KCM.022B	KC2/46M.022B
• ATEX Mark		II 3D Ex h IIIB T60°C Dc	
• Input compressed air			
Air flow required	nl/min	3.000	6.000
Pressure required	bar	4 ÷ 9	4 ÷ 9
• Antistatic hose:	inner diameter	19	19
	length	6	6
• Maximum vacuum ¹⁾	mmH ₂ O	4.500	4.500
	mbar	450	450
• Maximum air flow ¹⁾	l/min	6.800	13.600
	m ³ /h	408	816
• Acoustic level ^{a)}	dB (A)	75	78

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40
• Dust bin capacity	lt	90
• Diameters:	material inlet	70
	wheels: chassis bin	150 - 200 60
• Dimensions:	L x W x H	705 x 603 x 1.420
• Standard packing size:	L x W x H	740 x 730 x 1.610

		KCM.022B	KC2/46M.022B
• Weight	kg	63	73
• Packing weight	kg	72	82

FILTRATION DATA

		KCM.022B	KC2/46M.022B	
	• 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) EN60704-2-1; b) EN60335-2-69; c) EN1822

Notes:

¹⁾ Measured at 6 bar

²⁾ Maximum vacuum in continuous run

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

⁴⁾ With 0,18 µm particles

MACHINES

KCM.022B	Painted (RAL 5012) compressed air driven industrial vacuum cleaner - 1 Venturi device
KC2/46M.022B	Painted (RAL 5012) compressed air driven industrial vacuum cleaner - 2 Venturi device

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
• 005	Upstream absolute filter (HEPA) with M dust class primary filter
• 008	Automatic reverse jet cartridge filtering system
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel

KC-560

KC2M.022B



ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

- Antistatic wheels
- H filtration for hazardous dust vacuuming

TECHNICAL DATA

• ATEX Mark		II 3D Ex h IIIB T60°C Dc
• Input compressed air		
Air flow required	nl/min	6.000
Pressure required	bar	4 ÷ 9
• Antistatic hose:	inner diameter	mm 19
	length	m 6
• Maximum vacuum ¹⁾	mmH ₂ O	4.500
	mbar	450
• Maximum air flow ¹⁾	l/min	13.600
	m ³ /h	816
• Acoustic level ²⁾	dB (A)	78

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40
• Dust bin capacity	lt	90
• Diameters:	material inlet	mm 70
	wheels: chassis bin	mm 150 - 200 60
• Dimensions:	L x W x H	mm 930 x 665 x 1.800
• Standard packing size:	L x W x H	mm 1.140 x 730 x 1.910

• Weight	kg	99
• Packing weight	kg	114

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f) 4)}		99,995%

Normatives: a) EN60704-2-1; b) EN60335-2-69; c) EN1822

Notes:

¹⁾ Measured at 6 bar

²⁾ Maximum vacuum in continuous run

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

⁴⁾ With 0,18 µm particles

MACHINES

KC2M.022B	Painted (RAL 5012) compressed air driven industrial vacuum cleaner - 2 Venturi device
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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
• 005	Upstream absolute filter (HEPA) with M dust class primary filter
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel
• 008	Automatic reverse jet cartridge filtering system
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel



BLUE LINE

**ATEX ZONE 22 - IP6X -
Single phase models
In presence of conductive dust**

KM-360.022

KM1M.022 - KM2M/36.022



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

GENERAL FEATURES

- Antistatic wheels
- Vacuum gauge
- H filtration for hazardous dust vacuuming



~ 50/60 Hz TECHNICAL DATA		KM1M.022	KM2/36M.022
• Power	kW - HP	1,1 - 1,47	2,2 - 2,95
• ATEX Mark		II3D - Ex h tc IIIC T 100°C Dc	
• Input voltages Y	V	230	230
• Current Y	A	10	20
• Electric protection ^{a)}		IP6X	IP6X
• Insulation class ^{b)}		F	F
• Maximum vacuum	mmH ₂ O	2.350	---
	mbar	235	235
• Maximum air flow	l/min	3.728	7.455
	m ³ /h	224	447
• Acoustic level ^{d)}	dB (A)	72	70

ELECTRICAL FEATURES

• Default factory setting	V Hz	230 50/60
• Electrical cable:	type	3G1,5 HO7RN-F
	length	9 m
	plug	Schuko

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	25	
• Diameters:	material inlet	mm	50
	wheels: chassis bin	mm	100 - 150 50
• Dimensions:	L x W x H	mm	572 x 502 x 1.080
• Standard packing size:	L x W x H	mm	820 x 550 x 1.630

		KM1M.022	KM2/36M.022
• Weight	kg	40	32
• Packing weight	kg	49	42

FILTRATION DATA

		KM1M.022		KM2/36M.022		
		Default	Variant 120M16	Default	Variant 120M16	
	• Primary star filter					
	Dust Class ^{d)}	M	M	M	M	
	Media ¹⁾	Antistatic polyester	Polyurethane injected polyester	Antistatic polyester	Polyurethane injected polyester	
	Surface area	cm ² - m ²	7.000 - 0,7	10.000 - 1	10.000 - 1	
	Diameter	mm	360			
Filter cleaning type		Ergonomic manual filter shaker				
	• Upstream absolute filter - Variant (.005)					
	Surface area	cm ² - m ²	16.000 - 1,6			
	Media		Glass fibre			
	Dust Class ^{e)}		H14			
	Efficiency M.P.P.S. ^{e) 2)}		99,995%			

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

Notes:

- ¹⁾ PTFE coated antistatic star filter available upon request
²⁾ With 0,18 µm particles

MACHINES

KM1.022	1,15 kW	Painted (RAL 5012) single phase industrial vacuum cleaner
KM2/36.022	2,3 kW	Painted (RAL 5012) single 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 066	Bin overfilling machine switch off	
• 603	Disposal bag vacuum balance system for dust collection directly into plastic bags	

KMM-360.285

KM1M.285 - KM2/36M.285



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

GENERAL FEATURES

- Antistatic wheels
- Vacuum gauge
- H filtration for hazardous dust vacuuming upon request

~ 50/60 Hz TECHNICAL DATA		KM1M.285	KM2/36M.285
• Power	kW - HP	1,1 - 1,47	2,2 - 2,95
• ATEX Mark		II3D - Ex h tc IIIC T 100°C Dc	
• Input voltages Y	V	230	230
• Current Y	A	10	20
• Electric protection ^{a)}		IP6X	IP6X
• Insulation class ^{b)}		F	F
• Maximum vacuum	mmH ₂ O	2.350	---
	mbar	235	235
• Maximum air flow	l/min	3.728	7.455
	m ³ /h	224	447
• Acoustic level ^{d)}	dB (A)	72	70

ELECTRICAL FEATURES

• Default factory setting	V Hz	230 50/60
• Electrical cable:	type	3G1,5 HO7RN-F
	length	9 m
	plug	Schuko

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40
• Diameters:	material inlet	50
	wheels: chassis	100 - 150 50
• Dimensions:	L x W x H	572 x 502 x 1.392
• Standard packing size:	L x W x H	820 x 550 x 1.630

		KM1M.285	KM2/36M.285
• Weight	kg	35	40
• Packing weight	kg	45	50



FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	10.000 - 1
	Diameter	mm	360
	Dust Class ^{d)} Media ¹⁾		M Antistatic polyester
	Filter cleaning		Ergonomic manual filter shaker
	• Upstream absolute filter - Variant (.005)		
	Surface area	cm ² - m ²	14.000 - 1,4
	Media		Glass fibre
	Dust Class ^{e)}		H14
	Efficiency M.P.P.S. ^{e)2)}		99,995%

DUST COLLECTION SYSTEM

	• Type		EBCS ³⁾
	• Bag length (4 units) Diameter	m mm	20 360
	• Material		Antistatic 3-layer coextruded polyethylene (PE)
	• Thickness	µm	64

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

Notes:

¹⁾ PTFE coated antistatic star filter available upon request

²⁾ With 0,18 µm particles

³⁾ Endless bag collecting system

MACHINES

KM1M.285	1,15 kW	Painted (RAL 5012) single phase industrial vacuum cleaner
KM2/36M.285	2,3 kW	Painted (RAL 5012) single phase industrial vacuum cleaner

OUTFITS

- **002** AISI 304 stainless steel filtering chamber
- **003** Entirely made out of AISI 304 stainless steel
- **005** Upstream absolute filter (HEPA) with M dust class primary filter



BLUE LINE

ATEX ZONE 22 - IP65 -

Three phase models

In presence of conductive dust

K-460 - 90

K3M.022 - K3PM.022 - K5SM.022 - K5PM.022

3~ IP65

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



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		K3M.022	K3PM.022	K5SM.022	K5PM.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 ---
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	1.120 x 620 x 1.450
• Standard packing size:	L x W x H	mm	1.140 x 730 x 1.610

		K3M.022	K3PM.022	K5SM.022	K5PM.022
• Weight	kg	122	147	155	155
• Packing weight	kg	137	162	170	170

FILTRATION DATA		K3M.022 - K3PM.022	K5SM.022 - K5PM.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

K3M.022	2,6 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K3PM.022	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K5SM.022	5,2 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K5PM.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 K5P	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel - not available for K5P	
• 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	

K-560 - 90

K5P/56M.022


3~    IP65

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



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		K5P/56M.022
• Power	kW - HP	5,2 - 7
• ATEX Mark		II3D - Ex h tc IIIC T 135°C Dc
• Input voltages Y ¹⁾	V	360 ... 440
• Current Y	A	10
• Input voltages D ¹⁾	V	---
• Current D	A	---
• Electric protection ^{a)}		IP65
• Insulation class ^{b)}		F
• Energetic class ^{c)}		IE1
• Maximum vacuum	mmH ₂ O	3.200
	mbar	320
• Nominal vacuum ²⁾	mmH ₂ O	2.630
	mbar	263
• Maximum air flow	l/min	8.667
	m ³ /h	520
• Acoustic level ^{d)}	dB (A)	74

ELECTRICAL FEATURES


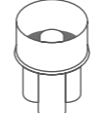

• Default factory setting	V Hz	400 50
• Electrical cable:	type	4G2,5 HO7RN-F
	length	9 m
	plug	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	90	
• Diameters:	material inlet air exhaust	mm	70 ---
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	1.220 x 620 x 1.770
• Standard packing size:	L x W x H	mm	1.600 x 800 x 1.880

K5P/56M.022		
• Weight	kg	165
• Packing weight	kg	180

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	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	94.800 - 9,48 560
	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	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		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

K5P/56M.022 5,2 kW Painted (RAL 5012) 560 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 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	

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	

KB-560 - 90

KB5P/56M.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		KB5P/56M.022
• Power	kW - HP	5,2 - 7
• ATEX Mark		II3D - Ex h tc IIIC T 135°C Dc
• Input voltages Y ¹⁾	V	360 ... 440
• Current Y	A	10
• Input voltages D ¹⁾	V	---
• Current D	A	---
• Electric protection ^{a)}		IP65
• Insulation class ^{b)}		F
• Energetic class ^{c)}		IE1
• Maximum vacuum	mmH ₂ O	3.200
	mbar	320
• Nominal vacuum ²⁾	mmH ₂ O	2.630
	mbar	263
• Maximum air flow	l/min	8.667
	m ³ /h	520
• Acoustic level ^{d)}	dB (A)	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 1.025 x 620 x 1.700
• Standard packing size:	L x W x H	mm 1.140 x 730 x 1.610

		KB5P/56M.022
• Weight	kg	160
• Packing weight	kg	175

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	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	94.800 - 9,48 560
	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	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		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

KB5P/56M.022 5,2 kW Painted (RAL 5012) 560 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 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	

K-560 - 175

K7M.022 - K9M.022 - K11SM.022 - K11PM.022 - K13M.022

3~ IP65

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



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		K7M.022	K9M.022	K11SM.022	K11PM.022	K13M.022
• Power	kW - HP	7,5 - 10,1	9,2 - 12,3	11 - 14,7	11 - 14,7	18,5 - 24,8
• ATEX Mark		II3D - Ex h tc IIIC T 200°C Dc				II3D - Ex h tc IIIC T 125°C Dc
• Input voltages Y ¹⁾	V	---	---	---	---	---
• Current Y	A	---	---	---	---	---
• Input voltages D ¹⁾	V	400	400	380 ... 420	380 ... 420	400
• Current D	A	18,5	18,5	27,5	27,5	32
• Electric protection ^{a)}		IP65	IP65	IP65	IP65	IP65
• Insulation class ^{b)}		F	F	F	F	F
• Energetic class ^{c)}		IE1	IE3	IE1	IE1	IE3
• Maximum vacuum	mmH ₂ O	4.200	4.200	5.000	4.500	4.500
	mbar	420	420	500	450	450
• Nominal vacuum ²⁾	mmH ₂ O	2.500	3.250	4.250	3.000	3.100
	mbar	250	325	425	300	310
• Maximum air flow	l/min	14.350	14.350	10.500	18.638	19.425
	m ³ /h	861	861	630	1.118	1.166
• Acoustic level ^{d)}	dB (A)	78	78	78	78	78

ELECTRICAL FEATURES

• Default factory setting	V Hz	400 50
• Electrical cable:	type	4G6 HO7RN-F
	length	9 m
	plug	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	175	
• Diameters:	material inlet air exhaust	mm	100 150
	wheels: chassis bin	mm	200 - 250 100
• Dimensions:	L x W x H	mm	1.450 x 710 x 2.040
• Standard packing size:	L x W x H	mm	1.600 x 800 x 2.150

		K7M.022	K9M.022	K11SM.022	K11PM.022	K13M.022
• Weight	kg	330	335	344	344	495
• Packing weight	kg	350	355	364	364	515

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	120.000 - 12
	Media		Glass fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f) 4)}		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

K7M.022	7,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K9M.022	9,2 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K11SM.022	11 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K11PM.022	18,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K13M.022	18,5 kW	Painted (RAL 5012) 560 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 0055S	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 0085S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 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	
• 806	Reinforced dust bin	
• 820	Forklift forks sockets	

K-780 - 175

K7/78M.022 - K9/78M.022 - K11P/78M.022 -
K13/78M.022 - K18/78M.022

3~ IP65

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



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA

		K7/78M.022	K9/78M.022	K11P/78M.022	K13/78M.022	K18/78M.022
• Power	kW - HP	7,5 - 10,1	9,2 - 12,3	11 - 14,7	18,5 - 24,8	18,5 - 24,8
• ATEX Mark		II3D - Ex h tc IIIC T 200°C Dc				II3D - Ex h tc IIIC T 125°C Dc
• Input voltages Y ¹⁾	V	---	---	---	---	---
• Current Y	A	---	---	---	---	---
• Input voltages D ¹⁾	V	400	400	380 ... 420	400	400
• Current D	A	18,5	18,5	27,5	32	32
• Electric protection ^{a)}		IP65	IP65	IP65	IP65	IP65
• Insulation class ^{b)}		F	F	F	F	F
• Energetic class ^{c)}		IE1	IE3	IE1	IE3	IE3
• Maximum vacuum	mmH ₂ O	4.200	4.200	4.500	4.500	4.000
	mbar	420	420	450	450	400
• Nominal vacuum ²⁾	mmH ₂ O	2.500	3.250	3.000	3.100	2.800
	mbar	250	325	300	310	280
• Maximum air flow	l/min	14.350	14.350	18.638	19.425	23.188
	m ³ /h	861	861	1.118	1.166	1.391
• Acoustic level ^{d)}	dB (A)	78	78	78	74	78

ELECTRICAL FEATURES

ELECTRICAL FEATURES		K7/78 - K9/78 - K11P/78 - K13/78	K18/78
• Default factory setting	V Hz	400 50	400 50
• Electrical cable:	type	4G6 HO7RN-F	4G10 HO7RN-F
	length	9 m	9 m
	plug	Not supplied	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	175	
• Diameters:	material inlet air exhaust	mm	100 150
	wheels: chassis bin	mm	200 - 250 100
• Dimensions:	L x W x H	mm	1.720 x 880 x 2.165
• Standard packing size:	L x W x H	mm	1.800 x 950 x 2.305

		K7/78M.022	K9/78M.022	K11P/78M.022	K13/78M.022	K18/78M.022
• Weight	kg	355	360	379	520	505
• Packing weight	kg	375	380	399	540	525

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	65.000 - 6,5
	Diameter	mm	780
	Dust Class ^{e)} Media ³⁾		M Antistatic polyester
	Filter cleaning		Electric filter shaker with push-button
	• Optional primary filter - cartridges kit - Variant (.008)		
	Surface area Diameter	cm ² - m ² mm	126.400 - 12,64 780
	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	130.000 - 13
	Media		Glass fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		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

K7/78M.022	7,5 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K9/78M.022	9,2 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K11P/78M.022	11 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K13/78M.022	18,5 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K18/78M.022	18,5 kW	Painted (RAL 5012) 780 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 0055S	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	I
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 0085S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 066	Bin overfilling machine switch off	
• 104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	
• 120	M dust class primary filter	
• 603	Disposal bag vacuum balance system for dust collection directly into plastic bags	
• 806	Reinforced dust bin	
• 820	Forklift forks sockets	
• /90	90 liters dust bin - version: painted	
• 9006	RAL 9006	



BLUE LINE

ATEX ZONES 2, 22

Compressed air models

In presence of conductive dust

KC-360

KC36M.022



ATEX ZONES 1, 2, 21, 22

GENERAL FEATURES

- Vacuum gauge
- Antistatic wheels
- H filtration for hazardous dust vacuuming



TECHNICAL DATA

• ATEX Mark		II2GD – Ex h IIC T6 (85°C) Gb – Ex h IIIC T60 °C Db
• Input compressed air		
Air flow required	nl/min	1.600
Pressure required	bar	6
• Antistatic hose:	inner diameter	mm 19
	length	m 6
• Maximum vacuum ¹⁾	mmH ₂ O	3.500
	mbar	350
• Maximum air flow ¹⁾	l/min	2.333
	m ³ /h	140
• Acoustic level ^{a)}	dB (A)	69

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40
• Dust bin capacity	lt	25
• Diameters:	material inlet	mm 50
	wheels: chassis bin	mm 100 - 150 50
• Dimensions:	L x W x H	mm 572 x 502 x 1.080
• Standard packing size:	L x W x H	mm 820 x 550 x 1.630

• Weight	kg	38
• Packing weight	kg	47

FILTRATION DATA

		Default	Variant 120M16
	• Primary star filter		
	Dust Class ^{d)}	M	M
	Media ³⁾	Antistatic polyester	Polyurethane injected polyester
	Surface area	cm ² - m ² 7.000 - 0,7	10.000 - 1
	Diameter	mm	360
Filter cleaning type		Ergonomic manual filter shaker	
	• Upstream absolute filter - Variant (.005)		
	Surface area	cm ² - m ²	16.000 - 1,6
	Media		Glass fibre
	Dust Class ^{e)}		H14
	Efficiency M.P.P.S. ^{e)4)}		99,995%

Normatives: a) EN60704-2-1; b) EN60335-2-69; c) EN1822

Notes:

¹⁾ Measured at 6 bar

²⁾ Maximum vacuum in continuous run

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

⁴⁾ With 0,18 µm particles

MACHINES

KC36M.022 Painted (RAL 5012) compressed air driven industrial vacuum cleaner - 1 Venturi device

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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	

KC-460

KCM.022 - KC2/46M.022



ATEX ZONES 1, 2, 21, 22

GENERAL FEATURES

- Vacuum gauge
- Antistatic wheels
- H filtration for hazardous dust vacuuming



TECHNICAL DATA		KCM.022	KC2/46M.022
• ATEX Mark		II2GD - Ex h IIC T6 (85°C) Gb - Ex h IIIC T 60 °C Db	
• Input compressed air			
Air flow required	nl/min	3.000	6.000
Pressure required	bar	4 ÷ 9	4 ÷ 9
• Antistatic hose:	inner diameter	19	19
	length	6	6
• Maximum vacuum ¹⁾	mmH ₂ O	4.500	4.500
	mbar	450	450
• Maximum air flow ¹⁾	l/min	6.800	13.600
	m ³ /h	408	816
• Acoustic level ^{a)}	dB (A)	75	78

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40
• Dust bin capacity	lt	90
• Diameters:	material inlet	70
	wheels: chassis bin	150 - 200 60
• Dimensions:	L x W x H	705 x 603 x 1.420
• Standard packing size:	L x W x H	740 x 730 x 1.610

		KCM.022	KC2/46M.022
• Weight	kg	63	73
• Packing weight	kg	72	82

FILTRATION DATA

		KCM.022	KC2/46M.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) EN60704-2-1; b) EN60335-2-69; c) EN1822

Notes:

¹⁾ Measured at 6 bar

²⁾ Maximum vacuum in continuous run

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

⁴⁾ With 0,18 µm particles

MACHINES

KCM.022	Painted (RAL 5012) compressed air driven industrial vacuum cleaner - 1 Venturi device
KC2/46M.022	Painted (RAL 5012) compressed air driven industrial vacuum cleaner - 2 Venturi device

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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	

KC-460

KCM.078 - KC2/46M.078



ATEX ZONES 1, 2, 21, 22

GENERAL FEATURES

- Fitted with overfilling bin mechanical float
- Vacuum gauge
- Antistatic wheels
- H filtration for hazardous dust vacuuming



TECHNICAL DATA		KCM.078	KC2/46M.078
• ATEX Mark		II2GD - Ex h IIC T6 (85°C) Gb - Ex h IIIC T60 60 °C Db	
• Input compressed air			
Air flow required	nl/min	3.000	6.000
Pressure required	bar	4 ÷ 9	4 ÷ 9
• Antistatic hose:	inner diameter	19	19
	length	6	6
• Maximum vacuum ¹⁾	mmH ₂ O	4.500	4.500
	mbar	450	450
• Maximum air flow ¹⁾	l/min	6.800	13.600
	m ³ /h	408	816
• Acoustic level ^{a)}	dB (A)	75	78

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40
• Dust bin capacity	lt	90
• Diameters:	material inlet	70 ---
	wheels: chassis bin	150 - 200 60
• Dimensions:	L x W x H	705 x 603 x 1.420
• Standard packing size:	L x W x H	740 x 730 x 1.610

		KCM.078	KC2/46M.078
• Weight	kg	63	73
• Packing weight	kg	72	82

FILTRATION DATA

		KCM.078	KC2/46M.078	
	• 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) EN60704-2-1; b) EN60335-2-69; c) EN1822

Notes:

¹⁾ Measured at 6 bar

²⁾ Maximum vacuum in continuous run

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

⁴⁾ With 0,18 µm particles

MACHINES

KCM.078 Painted (RAL 5012) compressed air driven industrial vacuum cleaner - 1 Venturi device - for liquids

KC2/46M.078 Painted (RAL 5012) compressed air driven industrial vacuum cleaner - 2 Venturi device - for liquids

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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	

KC-560

KC2M.022



ATEX ZONES 1, 2, 21, 22



GENERAL FEATURES

- Antistatic wheels
- H filtration for hazardous dust vacuuming

TECHNICAL DATA

• ATEX Mark		II2GD – Ex h IIC T6 (85°C) Gb – Ex h IIIC T 60 °C Db
• Input compressed air		
Air flow required	nl/min	6.000
Pressure required	bar	4 ÷ 9
• Antistatic hose:	inner diameter	mm 19
	length	m 6
• Maximum vacuum ¹⁾	mmH ₂ O	4.500
	mbar	450
• Maximum air flow ¹⁾	l/min	13.600
	m ³ /h	816
• Acoustic level ^{a)}	dB (A)	78

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40
• Dust bin capacity	lt	90
• Diameters:	material inlet	mm 70
	wheels: chassis bin	mm 150 - 200 60
• Dimensions:	L x W x H	mm 930 x 665 x 1.800
• Standard packing size:	L x W x H	mm 1.140 x 730 x 1.910

• Weight	kg	99
• Packing weight	kg	114

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f) 4)}		99,995%

Normatives: a) EN60704-2-1; b) EN60335-2-69; c) EN1822

Notes:

¹⁾ Measured at 6 bar

²⁾ Maximum vacuum in continuous run

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

⁴⁾ With 0,18 µm particles

MACHINES

KC2M.022	Painted (RAL 5012) compressed air driven industrial vacuum cleaner - 2 Venturi device
-----------------	---

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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	



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BLUE LINE

**ATEX ZONE 21 - IP65 -
Three phase models**

K-460 - 90

K3M.021 - K3PM.021 - K5SM.021 - K5PM.021

3~ IP65

ATEX ZONE 21

GENERAL FEATURES

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



~ 50 Hz TECHNICAL DATA		K3M.021	K3PM.021	K5SM.021	K5PM.021
• Power	kW - HP	4 - 5,4	4 - 5,4	7,5 - 10,1	7,5 - 10,1
• ATEX Mark		II2D - Ex h tb IIIC T 125°C Db			
• Input voltages Y ¹⁾	V	---	380 ... 420	---	---
• Current Y	A	---	7,4	---	---
• Input voltages D ¹⁾	V	400	---	400	400
• Current D	A	7,4	---	13,1	13,1
• Electric protection ^{a)}		IP65	IP65	IP65	IP65
• Insulation class ^{b)}		F	F	F	F
• Energetic class ^{c)}		IE3	IE3	IE3	IE3
• Maximum vacuum	mmH ₂ O	3.200	3.200	5.000	3.000
	mbar	320	320	500	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 ---
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	1.120 x 620 x 1.450
• Standard packing size:	L x W x H	mm	1.140 x 730 x 1.610

		K3M.021	K3PM.021	K5SM.021	K5PM.021
• Weight	kg	147	160	187	187
• Packing weight	kg	162	175	202	202

FILTRATION DATA

		K3M.021 - K3PM.021	K5SM.021 - K5PM.021	
	• 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

K3M.021	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K3PM.021	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K5SM.021	7,5 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K5PM.021	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 K5P	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel - not available for K5P	
• 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	

K-560 - 90

K5P/56M.021



ATEX ZONE 21



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		K5P/56M.021
• Power	kW - HP	7,5 - 10,1
• ATEX Mark		II2D - Ex h tb IIIC T 125°C Db
• Input voltages Y ¹⁾	V	---
• Current Y	A	---
• Input voltages D ¹⁾	V	400
• Current D	A	13,1
• Electric protection ^{a)}		IP65
• Insulation class ^{b)}		F
• Energetic class ^{c)}		IE3
• Maximum vacuum	mmH ₂ O	3.000
	mbar	300
• Nominal vacuum ²⁾	mmH ₂ O	2.400
	mbar	240
• Maximum air flow	l/min	8.925
	m ³ /h	536
• Acoustic level ^{d)}	dB (A)	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 ---
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	1.220 x 620 x 1.770
• Standard packing size:	L x W x H	mm	1.600 x 800 x 1.880

		K5P/56M.021
• Weight	kg	197
• Packing weight	kg	212

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f) 4)}		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

K5P/56M.021 7,5 kW Painted (RAL 5012) 560 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 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	

KB-460 - 90

KB3M.021 - KB3PM.021 - KB5SM.021 - KB5PM.021

3~ IP65

ATEX ZONE 21



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		KB3M.021	KB3PM.021	KB5SM.021	KB5PM.021
• Power	kW - HP	4 - 5,4	4 - 5,4	7,5 - 10,1	7,5 - 10,1
• ATEX Mark		II2D - Ex h tb IICT 125°C Db			
• Input voltages Y ¹⁾	V	---	380 ... 420	---	---
• Current Y	A	---	7,4	---	---
• Input voltages D ¹⁾	V	400	---	400	400
• Current D	A	7,4	---	13,1	13,1
• Electric protection ^{a)}		IP65	IP65	IP65	IP65
• Insulation class ^{b)}		F	F	F	F
• Energetic class ^{c)}		IE3	IE3	IE3	IE3
• Maximum vacuum	mmH ₂ O	3.200	3.200	5.000	3.000
	mbar	320	320	500	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.021	KB3PM.021	KB5SM.021	KB5PM.021
• Weight	kg	141	147	182	182
• Packing weight	kg	156	162	197	197

FILTRATION DATA

		KB3M.021 - KB3PM.021	KB5SM.021 - KB5PM.021	
	• 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.021	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB3PM.021	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB5SM.021	7,5 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
KB5PM.021	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	

KB-560 - 90

KB5P/56M.021



ATEX ZONE 21



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		KB5P/56M.021
• Power	kW - HP	7,5 - 10,1
• ATEX Mark		II2D - Ex h tb IIIC T 125°C Db
• Input voltages Y ¹⁾	V	---
• Current Y	A	---
• Input voltages D ¹⁾	V	400
• Current D	A	13,1
• Electric protection ^{a)}		IP65
• Insulation class ^{b)}		F
• Energetic class ^{c)}		IE3
• Maximum vacuum	mmH ₂ O	3.000
	mbar	300
• Nominal vacuum ²⁾	mmH ₂ O	2.400
	mbar	240
• Maximum air flow	l/min	8.925
	m ³ /h	536
• Acoustic level ^{d)}	dB (A)	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	1.025 x 620 x 1.700
• Standard packing size:	L x W x H	mm	1.140 x 730 x 1.610

		KB5P/56M.021
• Weight	kg	192
• Packing weight	kg	207

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		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

KB5P/56M.021 7,5 kW Painted (RAL 5012) 560 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 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	

K-560 - 175

K7M.021 - K11SM.021 -
K11PM.021 - K13M.021

3~ IP65

ATEX ZONE 21

GENERAL FEATURES

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



~ 50 Hz TECHNICAL DATA		K7M.021	K11SM.021	K11PM.021	K13M.021
• Power	kW - HP	7,5 - 10,1	15 - 20,1	15 - 20,1	18,5 - 24,8
• ATEX Mark		II2D - Ex h tb IIIC T 200°C Db	II2D - Ex h tb IIIC T 125°C Db		
• Input voltages Y ¹⁾	V	---	---	---	---
• Current Y	A	---	---	---	---
• Input voltages D ¹⁾	V	400	400	400	400
• Current D	A	18,5	27	26,5	32
• Electric protection ^{a)}		IP65	IP65	IP65	IP65
• Insulation class ^{b)}		F	F	F	F
• Energetic class ^{c)}		IE3	IE3	IE1	IE3
• Maximum vacuum	mmH ₂ O	4.200	6.000	3.250	4.500
	mbar	420	600	325	450
• Nominal vacuum ²⁾	mmH ₂ O	3.250	3.800	2.700	3.100
	mbar	325	380	270	310
• Maximum air flow	l/min	14.350	9.625	15.750	19.425
	m ³ /h	861	578	945	1.166
• Acoustic level ^{d)}	dB (A)	70	74	74	74

ELECTRICAL FEATURES

• Default factory setting	V Hz	400 50
• Electrical cable:	type	4G6 HO7RN-F
	length	9 m
	plug	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	175	
• Diameters:	material inlet air exhaust	mm	100 150
	wheels: chassis bin	mm	200 - 250 100
• Dimensions:	L x W x H	mm	1.450 x 710 x 2.040
• Standard packing size:	L x W x H	mm	1.600 x 800 x 2.150

		K7M.021	K11SM.021	K11PM.021	K13M.021
• Weight	kg	330	435	415	495
• Packing weight	kg	350	455	435	515

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	120.000 - 12
	Media		Glass fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		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

K7M.021	7,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K11SM.021	15 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K11PM.021	15 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K13M.021	18,5 kW	Painted (RAL 5012) 560 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 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	
• 806	Reinforced dust bin	
• 820	Forklift forks sockets	

K-780 - 175

K7/78M.021 - K11P/78M.021 -
K13/78M.021 - K18/78M.021

3~ IP65

ATEX ZONE 21

GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA

		K7/78M.021	K11P/78M.021	K13/78M.021	K18/78M.021
• Power	kW - HP	7,5 - 10,1	15 - 20,1	18,5 - 24,8	18,5 - 24,8
• ATEX Mark		II2D - Ex h tb IIIC T 200°C Db	II2D - Ex h tb IIIC T 125°C Db		
• Input voltages Y ¹⁾	V	---	---	---	---
• Current Y	A	---	---	---	---
• Input voltages D ¹⁾	V	400	400	400	400
• Current D	A	18,5	26,5	32	32
• Electric protection ^{a)}		IP65	IP65	IP65	IP65
• Insulation class ^{b)}		F	F	F	F
• Energetic class ^{c)}		IE3	IE1	IE3	IE3
• Maximum vacuum	mmH ₂ O	4.200	3.250	4.500	4.000
	mbar	420	325	450	400
• Nominal vacuum ²⁾	mmH ₂ O	3.250	2.700	3.100	2.800
	mbar	325	270	310	280
• Maximum air flow	l/min	14.350	15.750	19.425	23.188
	m ³ /h	861	945	1.166	1.391
• Acoustic level ^{d)}	dB (A)	70	74	74	78

ELECTRICAL FEATURES

		V Hz	K7/78 - K11P/78 - K13/78	K18/78
• Default factory setting			400 50	400 50
• Electrical cable:	type		4G6 HO7RN-F	4G10 HO7RN-F
	length		9 m	9 m
	plug		Not supplied	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	175	
• Diameters:	material inlet air exhaust	mm	100 150
	wheels: chassis bin	mm	200 - 250 100
• Dimensions:	L x W x H	mm	1.720 x 880 x 2.165
• Standard packing size:	L x W x H	mm	1.800 x 950 x 2.305

		K7/78M.021	K11P/78M.021	K13/78M.021	K18/78M.021
• Weight	kg	355	450	520	505
• Packing weight	kg	375	470	540	525



FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	65.000 - 6,5
	Diameter	mm	780
	Dust Class ^{e)} Media ³⁾		M Antistatic polyester
	Filter cleaning		Electric filter shaker with push-button
	• Optional primary filter - cartridges kit - Variant (.008)		
	Surface area Diameter	cm ² - m ² mm	126.400 - 12,64 780
	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	130.000 - 13
	Media		Glass fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		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

K7/78M.021	7,5 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K11P/78M.021	15 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K13/78M.021	18,5 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K18/78M.021	18,5 kW	Painted (RAL 5012) 780 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	I
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 066	Bin overfilling machine switch off	
• 104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	
• 120	M dust class primary filter	
• 603	Disposal bag vacuum balance system for dust collection directly into plastic bags	
• 806	Reinforced dust bin	
• 820	Forklift forks sockets	
• /90	90 liters dust bin - version: painted	
• 9006	RAL 9006	



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BLUE LINE

**ATEX ZONE 2, 22 - IP55 -
Three phase models**

K-460 - 90

K3M.Z2 - K3PM.Z2 - K5SM.Z2 - K5PM.Z2



ATEX ZONES 2, 22



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		K3M.Z2	K3PM.Z2	K5SM.Z2	K5PM.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 ---
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	1.120 x 620 x 1.450
• Standard packing size:	L x W x H	mm	1.140 x 730 x 1.610

		K3M.Z2	K3PM.Z2	K5SM.Z2	K5PM.Z2
• Weight	kg	147	160	187	187
• Packing weight	kg	162	175	202	202

FILTRATION DATA

		K3M.Z2 - K3PM.Z2	K5SM.Z2 - K5PM.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

K3M.Z2	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K3PM.Z3	4 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K5SM.Z2	7,5 kW	Painted (RAL 5012) 460 mm diameter three phase industrial vacuum cleaner
K5PM.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 K5P	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel - not available for K5P	
• 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	

K-560 - 90

K5P/56M.Z2



ATEX ZONES 2, 22



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		K5P/56M.Z2
• Power	kW - HP	7,5 - 10,1
• ATEX Mark		II3GD Ex dc h IIB T3 Gc - h tc IIB T 125°C Dc
• Input voltages Y ¹⁾	V	---
• Current Y	A	---
• Input voltages D ¹⁾	V	400
• Current D	A	13,1
• Electric protection ^{a)}		IP55
• Insulation class ^{b)}		F
• Energetic class ^{c)}		IE3
• Maximum vacuum	mmH ₂ O	3.000
	mbar	300
• Nominal vacuum ²⁾	mmH ₂ O	2.400
	mbar	240
• Maximum air flow	l/min	8.925
	m ³ /h	536
• Acoustic level ^{d)}	dB (A)	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 ---
	wheels: chassis bin	mm	150 - 200 60
• Dimensions:	L x W x H	mm	1.220 x 620 x 1.770
• Standard packing size:	L x W x H	mm	1.600 x 800 x 1.880

K5P/56M.021		
• Weight	kg	197
• Packing weight	kg	212

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		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

K5P/56M.Z2	7,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
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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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 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	

KB-460 - 90

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

3~ IP55

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		IIBGD Ex dc h IIB T3 Gc - h tc IIB 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	

KB-560 - 90

KB5P/56M.Z2



ATEX ZONES 2, 22



GENERAL FEATURES

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

~ 50 Hz TECHNICAL DATA		KB5P/56M.Z2
• Power	kW - HP	7,5 - 10,1
• ATEX Mark		II3GD Ex dc h IIB T3 Gc - h tc IIB T 125°C Dc
• Input voltages Y ¹⁾	V	---
• Current Y	A	---
• Input voltages D ¹⁾	V	400
• Current D	A	13,1
• Electric protection ^{a)}		IP55
• Insulation class ^{b)}		F
• Energetic class ^{c)}		IE3
• Maximum vacuum	mmH ₂ O	3.000
	mbar	300
• Nominal vacuum ²⁾	mmH ₂ O	2.400
	mbar	240
• Maximum air flow	l/min	8.925
	m ³ /h	536
• Acoustic level ^{d)}	dB (A)	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	1.025 x 620 x 1.700
• Standard packing size:	L x W x H	mm	1.140 x 730 x 1.610

KB5P/56M.Z2		
• Weight	kg	192
• Packing weight	kg	207

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	52.000 - 5,2
	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

KB5P/56M.Z2 7,5 kW Painted (RAL 5012) 560 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 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	

K-560 - 175

K7M.Z2 - K11SM.Z2 - K11PM.Z2 - K13M.Z2

3~ IP55

ATEX ZONES 2, 22

GENERAL FEATURES

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



~ 50 Hz TECHNICAL DATA		K7M.Z2	K11SM.Z2	K11PM.Z2	K13M.Z2
• Power	kW - HP	7,5 - 10,1	15 - 20,1	15 - 20,1	18,5 - 24,8
• ATEX Mark		IIBGD Ex dc h IIB T3 Gc - h tc IIB T 125°C Dc			
• Input voltages Y ¹⁾	V	---	---	---	---
• Current Y	A	---	---	---	---
• Input voltages D ¹⁾	V	400	400	400	400
• Current D	A	13,1	27	26,5	32
• Electric protection ^{a)}		IP55	IP55	IP55	IP55
• Insulation class ^{b)}		F	F	F	F
• Energetic class ^{c)}		IE3	IE3	IE1	IE3
• Maximum vacuum	mmH ₂ O	3.100	6.000	3.250	4.500
	mbar	310	600	325	450
• Nominal vacuum ²⁾	mmH ₂ O	2.900	3.800	2.700	3.100
	mbar	290	380	270	310
• Maximum air flow	l/min	12.250	9.625	15.750	19.688
	m ³ /h	735	578	945	1.181
• Acoustic level ^{d)}	dB (A)	70	74	74	74

ELECTRICAL FEATURES

• Default factory setting	V Hz	400 50
• Electrical cable:	type	4G6 HO7RN-F
	length	9 m
	plug	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	175	
• Diameters:	material inlet air exhaust	mm	100 150
	wheels: chassis bin	mm	200 - 250 100
• Dimensions:	L x W x H	mm	1.450 x 710 x 2.040
• Standard packing size:	L x W x H	mm	1.600 x 800 x 2.150

		K7M.Z2	K11SM.Z2	K11PM.Z2	K13M.Z2
• Weight	kg	371	435	415	495
• Packing weight	kg	391	455	435	515

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	120.000 - 12
	Media		Glass fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f) 4)}		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

K7M.Z2	7,5 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K11SM.Z2	15 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K11PM.Z2	15 kW	Painted (RAL 5012) 560 mm diameter three phase industrial vacuum cleaner
K13M.Z2	18,5 kW	Painted (RAL 5012) 560 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 00555	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 00855	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 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	
• 806	Reinforced dust bin	
• 820	Forklift forks sockets	

K-780 - 175

K7/78M.Z2 - K11P/78M.Z2 - K13/78M.Z2 - K18/78M.Z2

3~ IP55

ATEX ZONES 2, 22

GENERAL FEATURES

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



~ 50 Hz TECHNICAL DATA		K7/78M.Z2	K11P/78M.Z2	K13/78M.Z2	K18/78M.Z2
• Power	kW - HP	7,5 - 10,1	15 - 20,1	18,5 - 24,8	18,5 - 24,8
• ATEX Mark		IIBGD Ex dc h IIB T3 Gc - h tc IIB T 125°C Dc			
• Input voltages Y ¹⁾	V	---	---	---	---
• Current Y	A	---	---	---	---
• Input voltages D ¹⁾	V	400	400	400	400
• Current D	A	13,1	26,5	32	32
• Electric protection ^{a)}		IP55	IP55	IP55	IP55
• Insulation class ^{b)}		F	F	F	F
• Energetic class ^{c)}		IE3	IE1	IE3	IE3
• Maximum vacuum	mmH ₂ O	3.100	3.250	4.500	4.000
	mbar	310	325	450	400
• Nominal vacuum ²⁾	mmH ₂ O	2.900	2.700	3.100	2.800
	mbar	290	270	310	280
• Maximum air flow	l/min	12.250	15.750	19.688	23.188
	m ³ /h	735	945	1.181	1.391
• Acoustic level ^{d)}	dB (A)	70	74	74	78

ELECTRICAL FEATURES		K7/78 - K11P/78 - K13/78	K18/78
• Default factory setting	V Hz	400 50	400 50
• Electrical cable:	type	4G6 HO7RN-F	4G10 HO7RN-F
	length	9 m	9 m
	plug	Not supplied	Not supplied

GENERAL DATA

• Environmental working temperature:	°C	5 ÷ 40	
• Dust bin capacity	lt	175	
• Diameters:	material inlet air exhaust	mm	100 150
	wheels: chassis bin	mm	200 - 250 100
• Dimensions:	L x W x H	mm	1.720 x 880 x 2.165
• Standard packing size:	L x W x H	mm	1.800 x 950 x 2.305

		K7/78M.Z2	K11P/78M.Z2	K13/78M.Z2	K18/78M.Z2
• Weight	kg	396	450	520	505
• Packing weight	kg	416	470	540	525

FILTRATION DATA

	• Default primary star filter		
	Surface area	cm ² - m ²	65.000 - 6,5
	Diameter	mm	780
	Dust Class ^{e)} Media ³⁾		M Antistatic polyester
	Filter cleaning		Electric filter shaker with push-button
	• Optional primary filter - cartridges kit - Variant (.008)		
	Surface area Diameter	cm ² - m ² mm	126.400 - 12,64 780
	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	130.000 - 13
	Media		Glass fibre
	Dust Class ^{f)}		H14
	Efficiency M.P.P.S. ^{f)4)}		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

K7/78M.Z2	7,5 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K11P/78M.Z2	15 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K13/78M.Z2	18,5 kW	Painted (RAL 5012) 780 mm diameter three phase industrial vacuum cleaner
K18/78M.Z2	18,5 kW	Painted (RAL 5012) 780 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	
• 005	Upstream absolute filter (HEPA) with M dust class primary filter	
• 00555	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	
• 006	Electric filter shaker with push-button	I
• 006A	Automatic electric filter shaker	
• 008	Automatic reverse jet cartridge filtering system	
• 00855	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	
• 066	Bin overfilling machine switch off	
• 104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	
• 120	M dust class primary filter	
• 603	Disposal bag vacuum balance system for dust collection directly into plastic bags	
• 806	Reinforced dust bin	
• 820	Forklift forks sockets	
• /90	90 liters dust bin - version: painted	
• 9006	RAL 9006	



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