

KB3PM.022B

3~   IP55
ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

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

MACHINE

KB3PM.022B	3 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner
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KB3P/50M.022B	3 kW, 50 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner
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TECHNICAL DATA

		50 Hz	
Power	kW - HP	3,0 - 4,0	
Input voltages Y ¹⁾	V	345 ... 415	
Current Y	A	7,2	
Input voltages D ¹⁾	V	200 ... 240	
Current D	A	12,5	
Electric protection ⁴⁾			IP55
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G2,5 H07RN-F	
length	m	9 m	
plug		Not supplied	
Insulation class ⁵⁾		F	
Energetic class ¹⁾		IE1	
ATEX Mark ⁶⁾		II3D - Ex h IIB T 135°C Dc	
Maximum vacuum	mmHg	3.200	
	mbar	320	
Nominal vacuum ²⁾	mmHg	2.200	
	mbar	220	
Maximum air flow	l/min	7.183	
	m ³ /h	431	
Acoustic level ⁴⁾	dB (A)	75	
Environmental working temperature	°C	5 ÷ 40	
Dust bin capacity	l	90 - 50	
Wheels material		Rubber	
Weight	kg	118	
Packing weight	kg	133	
Dimensions - L x W x H (008)	90 l mm	990 x 650 x 1.440 (1.740)	
	50 l mm	990 x 650 x 1.440 (1.520)	
Standard packing size - L x W x H (008)	90 l mm	1.140 x 730 x 1.610 (1.850)	
	50 l mm	1.140 x 730 x 1.610 (1.630)	
Diameters:			
material inlet	mm	70	
air exhaust	mm	100	
wheels: chassis	mm	150 - 200	
wheels: bin	mm	60	

FILTRATION DATA

	Default primary star filter		
	Surface area	cm ² - m ²	19.500 - 1,95
	Diameter	mm	460
	Dust Class ^{b)} Media ³⁾		M Antistatic polyester
	Filter cleaning		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 ^{b)} 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 ^{b)}		H14
	Efficiency M.P.P.S. ⁴⁾		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60334-2-1; d) 2014/34/EU; e) EN60704-2-1; f) EN60335-2-49; g) 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

OUTFITS

	90 l - E	50 l - E
001	AISI 304 stainless steel dust bin	R
002	AISI 304 stainless steel dust bin and filtering chamber	R
003	Entirely made out of AISI 304 stainless steel	R
005	Upstream absolute filter (HEPA)	R
006	Electric filter shaker with push-button	R
006A	Automatic electric filter shaker	R
008	Automatic reverse jet cartridge filtering system	R
008S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	R
044	Bin overfilling machine switch off	R
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R
800	Material inlet fitted on castor wheels side	X
821	Air exhaust hose fitting	R

LEGENDA: R = price upon request I = included X = not available