

KB5SM.022

3~ M Ex IP65

ATEX ZONE 22
IN PRESENCE OF CONDUCTIVE DUST

GENERAL FEATURES

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

MACHINE

KB5SM.022	5,2 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner
KB5S/50M.022	5,2 kW, 50 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	
Power	kW - HP	5,2 - 7,0	
Input voltages Y ¹⁾	V	400	
Current Y	A	10	
Input voltages D ¹⁾	V	230	
Current D	A	17,3	
Electric protection ²⁾			IP65
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G2,5 H07RN-F	
length	m	9	
plug		Not supplied	
Insulation class ³⁾		F	
Energetic class ⁴⁾		IE1	
ATEX Mark ⁵⁾		II 3D - Ex h I c III CT 135°C Dc	
Maximum vacuum	mmHg	5.100	
	mbar	510	
Nominal vacuum ³⁾	mmHg	4.400	
	mbar	440	
Maximum air flow	l/min	5.600	
	m³/h	336	
Acoustic level ⁶⁾	dB (A)	74	
Environmental working temperature	°C	5 ± 40	
Dust bin capacity	l	90 - 50	
Wheels material		Rubber	
Weight	kg	150	
Packing weight	kg	165	
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	cm² - m²	19.500 - 1,95
	Diameter	mm	460
	Dust Class ¹⁾ Media ²⁾		M Antistatic polyester Manual filter shaker
	Optional primary filter - cartridges kit - Variant 008		
	Surface area Diameter	cm² - m² mm	56.400 - 5,64 460
	Dust Class ¹⁾ Media		M Antistatic polyester
	Compressed air consumption pressure	nl/min bar	48 4 ± 6
	Upstream absolute filter - Variant 005		
	Surface area	cm² - m²	52.000 - 5,2
	Media		Glass fibre
	Dust Class ¹⁾		H14
	Efficiency M.P.P.S. ¹⁾		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60034-2-1; d) 2014/34/EU; e) EN60704-2-1; f) EN60335-2-49; g) EN1822

Notes:

¹⁾ Other input voltages upon request²⁾ Maximum vacuum in continuous run³⁾ Other materials available according to the material to be vacuumed⁴⁾ With 0,18 µm particles

OUTFITS

	90 l - E	50 l - E
001	AlSi 304 stainless steel dust bin	I
002	AlSi 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
066	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

LEGEND:

R = Price upon request

I = Included

X = Not available