

KB5SM.022B

3~ M Ex IP55

ATEX ZONE 22

NO CONDUCTIVE DUST



GENERAL FEATURES

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

MACHINE

KB5SM.022B 5,5 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

KB55/50M.022B 5,5 kW, 50 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	
Power	kW - HP	5,5 - 7,4	
Input voltages Y ¹⁾	V	400	
Current Y	A	11	
Input voltages D ¹⁾	V	230	
Current D	A	19	
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 ⁴⁾			II 3D - Ex h I c IIIB T 135°C Dc
Maximum vacuum	mmHg	5.100	
	mbar	510	
Nominal vacuum ²⁾	mmHg	4.000	
	mbar	400	
Maximum air flow	l/min	5.600	
	m ³ /h	336	
Acoustic level ⁴⁾	dB (A)	75	
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	80	
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 ¹⁾ Media ²⁾	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 ¹⁾ 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 ⁴⁾	H14
	Efficiency M.P.P.S. ⁴⁾	99,995%

Normatives: a) IEC60529; b) IEC60008; c) IEC6034-2-1; d) 2014/34/UE; e) EN60704-2-1; f) EN60335-2-69; 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	R	R
002	AlSi 304 stainless steel dust bin and filtering chamber	R	R
003	Entirely made out of AlSi 304 stainless steel	R	R
005	Upstream absolute filter (HEPA)	R	R
006	Electric filter shaker with push-button	R	R
006A	Automatic electric filter shaker	R	R
008	Automatic reverse jet cartridge filtering system	R	R
008S	Automatic reverse jet cartridge filtering system - version: AlSi 304 stainless steel	R	R
046	Bin overfilling machine switch off	R	R
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R	R
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R	R
800	Material inlet fitted on castor wheels side	X	X
821	Air exhaust hose fitting	R	R

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