

KB7M.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 upon request

MACHINE

KB7M.022B 7,5 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	
Power	kW - HP	7,5 - 10,1	
Input voltages Y ¹⁾	V	600...720	
Current Y	A	8,95	
Input voltages D ¹⁾	V	345 ... 415	
Current D	A	15,5	
Electric protection ⁴⁾			IP55
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G6 H07RN-F	
length	m	9 m	
plug		Not supplied	
Insulation class ⁵⁾		F	
Energetic class ⁴⁾		IE3	
ATEX Mark ⁴⁾		II3D - Ex h IIB T 135°C Dc	
Maximum vacuum	mmHg	4.000	
	mbar	400	
Nominal vacuum ²⁾	mmHg	2.900	
	mbar	290	
Maximum air flow	l/min	11.600	
	m ³ /h	696	
Acoustic level ⁴⁾	dB (A)	78	
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	90	
Wheels material		Rubber	
Weight	kg	242	
Packing weight	kg	262	
Dimensions - L x W x H (008)	mm	1.295 x 650 x 1.990 (2.070)	
Standard packing size - L x W x H (008)	mm	1.600 x 800 x 2.100 (2.180)	
Diameters:			
material inlet	mm	100	
air exhaust	mm	150	
wheels: chassis	mm	150 - 200	
wheels: bin	mm	60	

FILTRATION DATA

	Default primary star filter	
	Surface area	cm ² - m ² 35.000 - 3,5
	Diameter	mm 560
	Dust Class ³⁾ 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 ³⁾ Media ³⁾	M Antistatic polyester
	Compressed air consumption pressure	nl/min bar 48 4 x 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 ³⁾	H14
	Efficiency M.P.P.S. @ ⁴⁾	99,995%

Normatives: a) IEC60529; b) IEC600085; c) IEC60034-2-1; 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		£
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
005S	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	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
821	Air exhaust hose fitting	R

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