

KB5P/56M.022B

3~   IP55
ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

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

MACHINE

KB5P/56M.022B 5,5 kW, 90 l capacity, blue RAL 5012 painted, 560 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 ³⁾		II3D - Ex h IIC T 135°C Dc	
Maximum vacuum	mmHg	2.550	
	mbar	255	
Nominal vacuum ²⁾	mmHg	2.500	
	mbar	250	
Maximum air flow	l/min	9.100	
	m ³ /h	546	
Acoustic level ⁶⁾	dB (A)	74	
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	90	
Wheels material		Rubber	
Weight	kg	160	
Packing weight	kg	175	
Dimensions - L x W x H (005 - 008)	mm	1.025 x 620 x 1.700 (1.900 - 2.000)	
Standard packing size - L x W x H (005 - 008)	mm	1.140 x 730 x 1.610 (2.010 - 2.110)	
Diameters:			
material inlet	mm	100	
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	35.000 - 3,5
	Diameter	mm	560
	Dust Class ^{a)} Media ^{b)}		M Antistatic polyester
	Filter cleaning		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 ^{a)} 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 ^{a)}		H14
	Efficiency M.P.P.S. ^{a) c)}		99,995%

Normatives: a) IEC60529; b) IEC60008; 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

		£	
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
064	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