

KB5P/56M.022

3~   **IP65****ATEX ZONE 22**
IN PRESENCE OF CONDUCTIVE DUST

GENERAL FEATURES

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



MACHINE

KB5P/56M.022 5,2 kW, 90 l capacity, blue RAL 5012 painted, 560 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 ⁴⁾			IP65
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G2,5 H07RN-F	
length	m	9	
plug			Not supplied
Insulation class ⁵⁾			F
Energetic class ⁴⁾			IE1
ATEX Mark ⁴⁾			II3D - Ex h Ic IIIC T135°C Dc
Maximum vacuum	mmHg	2.550	
	mbar	255	
Nominal vacuum ²⁾	mmHg	2.300	
	mbar	230	
Maximum air flow	l/min	9.100	
	m ³ /h	546	
Acoustic level ⁴⁾	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 - 2.00	
Standard packing size - L x W x H (005 - 008)	mm	1.140 x 730 x 1.610 (2.010 - 2.11	
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 ³⁾ 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 94.800 - 9,48 560
	Dust Class ³⁾ 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) IEC600085; c) IEC60034-2-1; d) 2014/34/UE; 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

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001	AISI 304 stainless steel dust bin	I
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
005SS	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
008SS	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
603	Disposal bag vacuum balance system for dust collection directly into plastic bags	R
800	Material inlet fitted on castor wheels side	R
821	Air exhaust hose fitting	R

LEGEND:

R = Price upon request

I = Included

X = Not available