

KB4PM.022B

3~ 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

TECHNICAL DATA

		50 Hz	
Power	kW - HP	4,0 - 5,4	
Input voltages Y ¹⁾	V	400	
Current Y	A	8	
Input voltages D ¹⁾	V	230	
Current D	A	13,9	
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 ³⁾			F
Energetic class ²⁾			IE1
ATEX Mark ⁴⁾			II 3D - Ex h I c IIIB T 135°C Dc
Maximum vacuum	mmHg	2.600	
	mbar	260	
Nominal vacuum ²⁾	mmHg	1.800	
	mbar	180	
Maximum air flow	l/min	9.100	
	m³/h	546	
Acoustic level ⁴⁾	dB (A)	74	
Environmental working temperature	°C		5 + 40
Dust bin capacity	l		90 - 50
Wheels material			Rubber
Weight	kg		141
Packing weight	kg		156
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 ^{a)} Media ^{b)}		M Antistatic polyester
	Filter cleaning		Manual filter shaker
	Optional primary filter - cartridges kit - Variant 008		
	Surface area Diameter	cm² - m² mm	56.400 - 5,64 460
	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	cm² - m²	52.000 - 5,2
	Media		Glass fibre
	Dust Class ^{a)}		H14
	Efficiency M.P.P.S. ^{a,c)}		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60034-2-1; d) 2014/34/EU; e) EN60704-2-1; f) EN60335-2-69; 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

		90 l - €	50 l - €
001	AISI 304 stainless steel dust bin	R	R
002	AISI 304 stainless steel dust bin and filtering chamber	R	R
003	Entirely made out of AISI 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	X	X
008S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	X	X
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
603	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