

K3PM.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

K3PM.022B 3 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	
Power	kW - HP	3,0 - 4,0	
Input voltages Y ¹⁾	V	345 ... 415	
Current Y	A	7,2	
Input voltages D ¹⁾	V	200 ... 240	
Current D	A	12,5	
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 ⁶⁾			II3D - Ex h IIC IIB T 135°C Dc
Maximum vacuum	mmHg	3.200	
	mbar	320	
Nominal vacuum ²⁾	mmHg	2.200	
	mbar	220	
Maximum air flow	l/min	7.183	
	m³/h	431	
Acoustic level ⁴⁾	dB (A)	72	
Environmental working temperature	°C		5 ÷ 40
Dust bin capacity	l		90
Wheels material			Rubber
Weight	kg		130
Packing weight	kg		145
Dimensions - L x W x H (008)	mm		1.120 x 620 x 1.450 (1.750)
Standard packing size - L x W x H (008)	mm		1.140 x 730 x 1.610 (1.860)
Diameters:			
material inlet	mm		70
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 ¹⁾ Media ²⁾		M Antistatic polyester
	Filter cleaning		Ergonomic manual filter shaker
	Optional primary filter - cartridges kit - Variant 008		
	Surface area Diameter	cm² - m² 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	cm² - m²	28.000 - 2,8
	Media		Glass fibre
	Dust Class ¹⁾		H14
	Efficiency M.P.P.S. ³⁾ %		99,995%

Normatives: a) IEC60529; b) IEC600083; c) IEC60034-2-1; d) 2014/34/EU; 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 0,15 µm particles

OUTFITS

001	AISI 304 stainless steel dust bin
002	AISI 304 stainless steel dust bin and filtering chamber
003	Entirely made out of AISI 304 stainless steel
005	Upstream absolute filter (HEPA)
006	Electric filter shaker with push-button
006A	Automatic electric filter shaker
008	Automatic reverse jet cartridge filtering system
008S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel
066	Bin overfilling machine switch off
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel
603	Disposal bag vacuum balance system for dust collection directly into plastic bags

LEGENDA:

R = price upon request

I = included

X = not available