

K3PM.022

3~    IP65ATEX ZONE 22
IN PRESENCE OF CONDUCTIVE DUST

GENERAL FEATURES

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

MACHINE

K3M.022 2,6 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	
Power	kW - HP	4,0 - 5,4	
Input voltages Y ¹⁾	V	380 ... 420	
Current Y	A	7,4	
Input voltages D ¹⁾	V	440 ... 480	
Current D	A	7,2	
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 ¹⁾			IE3
ATEX Mark ⁶⁾			II3D - Ex h Iic IICT 135°C Dc
Maximum vacuum	mmH ₂ O	3.200	
	mbar	320	
Nominal vacuum ²⁾	mmH ₂ O	2.400	
	mbar	240	
Maximum air flow	l/min	7.183	
	m ³ /h	431	
Acoustic level ³⁾	dB (A)	73	
Environmental working temperature	°C		5 ÷ 40
Dust bin capacity	l		90
Wheels material			Rubber
Weight	kg		132
Packing weight	kg		142
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	cm ² - m ²	19.500 - 1,95
	Diameter	mm	460
	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	56.400 - 5,64 460
	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	28.000 - 2,8
	Media		Glass fibre
	Dust Class ⁴⁾		H14
	Efficiency M.P.P.S. ⁵⁾		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60334-2-1; 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 0,18 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
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

LEGEND:

R = Price upon request

I = Included

X = Not available