

K3M.022B

3~ M2Ex IP55

ATEX ZONE 22

NO CONDUCTIVE DUST



GENERAL FEATURES

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

MACHINE

K3M.022B	3 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner
K3M.022B-60Hz	3,6 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	60 Hz
Power	kW · HP	3,0 · 4,0	3,6 · 4,8
Input voltages Y ^{a)}	V	400	380
Current Y	A	6,5	7,4
Input voltages D ^{a)}	V	230	220
Current D	A	11,3	12,8
Electric protection ^{a)}		IP55	
Default factory setting	Y R2	400 50	
Electrical cable:			
type		4G2,5 H07RN-F	
length	m	9 m	
plug		Not supplied	
Insulation class ^{a)}		F	
Energetic class ^{a)}		IE1	
ATEX Mark ^{a)}		II 3D - Ex h Ic IIIB T 135°C Dc	
Maximum vacuum	mmHg	3.200	3.700
	mbar	320	370
Nominal vacuum ^{a)}	mmHg	2.400	2.400
	mbar	240	240
Maximum air flow	l/min	5.600	6.300
	m³/h	336	378
Acoustic level ^{a)}	dB (A)	70	71
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	90	
Wheels material		Rubber	
Weight	kg	120	
Packing weight	kg	135	
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 ^{a)} Media ^{a)}		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 ^{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	28.000 · 2,8
	Media		Glass fibre
	Dust Class ^{a)}		H14
	Efficiency M.P.P.S. ^{a)}		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60334-2-1; d) 2014/34/UE; e) EN60704-2-1; f) EN60335-2-40; g) EN1822

Notes:

- ^{a)} Other input voltages upon request
- ^{b)} Maximum vacuum in continuous run
- ^{c)} Other materials available according to the material to be vacuumed
- ^{d)} With 0,18 µm particles

OUTFITS

		€
001	ASi 304 stainless steel dust bin	R
002	ASi 304 stainless steel dust bin and filtering chamber	R
003	Entirely made out of ASi 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: ASi 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

LEGENDA: R = price upon request I = included X = not available