

K2M.100.022B

1~ 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

K2M.100.022B 2,2 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter single phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	4
Power	kW - HP	2,2 - 2,9	
Input voltages Y ¹⁾	V	230	
Current Y	A	15	
Input voltages D ¹⁾	V	---	
Current D	A	---	
Electric protection ⁴⁾		IP55	
Default factory setting	V Hz	230 50	
Electrical cable:			
type		4G2,5 H07RN-F	
length	m	9 m	
plug		Not supplied	
Insulation class ²⁾		F	
Energetic class ³⁾		IE1	
ATEX Mark ⁴⁾		II 3D - Ex h I c IIIB T 135°C Dc	
Maximum vacuum	mmHg	2.650	
	mbar	265	
Nominal vacuum ²⁾	mmHg	2.000	
	mbar	200	
Maximum air flow	l/min	5.600	
	m ³ /h	336	
Acoustic level ⁴⁾	dB (A)	70	
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	cm ² - m ² 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	cm ² - m ² 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	cm ² - m ² 28.000 - 2,8
	Media	Glass fibre
	Dust Class ³⁾	H14
	Efficiency M.P.P.S. ⁴⁾	99,995%

Normatives: a) IEC60529; b) IEC600085; c) IEC60014-2-1; 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

		£
001	AISI 304 stainless steel dust bin	R
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
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

LEGENDA:

R = price upon request

I = included

X = not available