

K13M.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

K13M.022B	12,5 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner
K13/90M.022B	12,5 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	
Power	KW · HP	12,5 - 16,8	
Input voltages Y ¹⁾	V	400 ... 720	
Current Y	A	16,1	
Input voltages D ¹⁾	V	345 ... 415	
Current D	A	28	
Electric protection ⁴⁾		IP55	
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G6 H07RN-F	
length	m	9 m	
plug		Not supplied	
Insulation class ⁵⁾		F	
Energetic class ²⁾		IE1	
ATEX Mark ³⁾		II 3D - Ex h I c III B T 135°C Dc	
Maximum vacuum	mmH ₂ O	4.500	
	mbar	450	
Nominal vacuum ²⁾	mmH ₂ O	2.900	
	mbar	290	
Maximum air flow	l/min	19.683	
	m ³ /h	1.181	
Acoustic level ⁶⁾	dB (A)	78	
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	175 - 90	
Wheels material		Polyurethane	
Weight	kg	437	
Packing weight	kg	457	
Dimensions - L x W x H (005 - 008)	mm	1.450 x 710 x 1.880 (2.080 - 2.180)	
Standard packing size - L x W x H (005 - 008)	mm	1.600 x 800 x 1.990 (2.190 - 2.290)	
Diameters:			
material inlet	mm	100	
air exhaust	mm	150	
wheels: chassis	mm	200 - 250	
wheels: bin	mm	100	

FILTRATION DATA

	Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	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	94.800 - 9,48 560
	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	120.000 - 12
	Media		Glass fibre
	Dust Class ³⁾		H14
	Efficiency M.P.P.S. ⁴⁾		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60334-2-1; d) 2014/34/UE; e) EN60704-2-1; f) EN60335-2-49; 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

	175 l - E	90 l - E
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
005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	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
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R
804	Reinforced dust bin	R
820	Forklift forks sockets	R
821	Air exhaust hose fitting	R

LEGEND:

R = Price upon request

I = Included

X = Not available