

K13/78M.022B

3~    IP55ATEX ZONE 22
NO CONDUCTIVE DUST

GENERAL FEATURES

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



MACHINE

K13/78M.022B	12,5 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner
K13/78/90M.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	600 ... 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 ¹⁾		IE1	
ATEX Mark ⁶⁾		II3D - Ex h Ic IIB T 135°C Dc	
Maximum vacuum	mmHg	4.500	
	mbar	450	
Nominal vacuum ²⁾	mmHg	2.900	
	mbar	290	
Maximum air flow	l/min	19.683	
	m ³ /h	1.181	
Acoustic level ⁴⁾	dB (A)	78	
Environmental working temperature	°C	5 ÷ 40	
Dust bin capacity	l	175 - 90	
Wheels material		Polyurethane	
Weight	kg	462	
Packing weight	kg	482	
Dimensions - L x W x H (005 - 008)	mm	1.720 x 880 x 2.165 (2.365 - 2.220)	
Standard packing size - L x W x H (005 - 008)	mm	1.800 x 950 x 2.305 (2.505 - 2.360)	
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 65.000 - 6,5
	Diameter	mm 780
	Dust Class ¹⁾ Media ³⁾	M Antistatic polyester
	Filter cleaning	Electric filter shaker with push-button
	Optional primary filter - cartridges kit - Variant 008	
	Surface area Diameter	cm ² - m ² mm 126.400 - 12,64 780
	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 ² 130.000 - 13
	Media	Glass fibre
	Dust Class ⁶⁾	H14
	Efficiency M.P.P.S. ⁴⁾	99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60034-2-1; d) 2014/34/UE; 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		175 l - E	90 l - E
001	AISI 304 stainless steel dust bin	R	R
002	AISI 304 stainless steel dust bin and filtering chamber	R	R
003	Entirely made out of AISI 304 stainless steel	R	R
005	Upstream absolute filter (HEPA)	R	R
005S	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	R	R
006	Electric filter shaker with push-button	I	I
006A	Automatic electric filter shaker	R	R
008	Automatic reverse jet cartridge filtering system	R	R
008S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	R	R
046	Bin overfilling machine switch off	R	R
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R	R
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R	R
806	Reinforced dust bin	R	R
820	Forklift forks sockets	R	R
821	Air exhaust hose fitting	R	R

LEGEND:

R = Price upon request

I = Included

X = Not available