

K15M.022B

3~    IP55
ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

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

MACHINE

K15M.022B	15 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner
K15/90M.022B	15 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	
Power	kW - HP	15,0 - 20,45	
Input voltages Y ¹⁾	V	---	
Current Y	A	---	
Input voltages D ²⁾	V	345 ... 415	
Current D	A	33,2	
Electric protection ³⁾		IP55	
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G10 H07RN-F	
length	m	9 m	
plug		Not supplied	
Insulation class ⁴⁾		F	
Energetic class ⁵⁾		IE1	
ATEX Mark ⁶⁾		II3D - Ex h Iic IIIB T 135°C Dc	
Maximum vacuum	mmH ₂ O	4.750	
	mbar	475	
Nominal vacuum ²⁾	mmH ₂ O	3.150	
	mbar	315	
Maximum air flow	l/min	21.000	
	m ³ /h	1.260	
Acoustic level ⁶⁾	dB (A)	78	
Environmental working temperature	°C	5 ÷ 40	
Dust bin capacity	l	175 - 90	
Wheels material		Polyurethane	
Weight	kg	394	
Packing weight	kg	414	
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 ¹⁾		H14
	Efficiency M.P.P.S. ¹⁾ ⁴⁾		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60034-2-1; d) 2014/34/EU; e) EN60704-2-1; f) EN60335-2-49; g) EN1822

Notes:

- ¹⁾ Other input voltages upon request
- ²⁾ Maximum vacuum in continuous run
- ³⁾ Other materials available according to the material to be vacuumed
- ⁴⁾ 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	R	R
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
066	Bin overfilling machine switch off	R	R
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R	R
803	Disposal bag vacuum balance system for dust collection directly into plastic bags	R	R
804	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