

K7M.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

K7M.022B	7,5 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner
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K7/90M.022B	7,5 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	
Power	kW - HP	7,5 - 10,1	
Input voltages Y ¹⁾	V	690	
Current Y	A	9,06	
Input voltages D ¹⁾	V	400	
Current D	A	15,7	
Electric protection ²⁾			IP55
Default factory setting	V Hz	400 50	
Electrical cable:			
type			4G6 H07RN-F
length	m		9 m
plug			Not supplied
Insulation class ³⁾			F
Energetic class ⁴⁾			IE2
ATEX Mark ⁵⁾			II3D - Ex h tc IIIB T 135°C Dc
Maximum vacuum	mmHg	4.300	
	mbar	430	
Nominal vacuum ²⁾	mmHg	2.250	
	mbar	225	
Maximum air flow	l/min	13.683	
	m ³ /h	821	
Acoustic level ⁶⁾	dB (A)	78	
Environmental working temperature	°C		5 ÷ 40
Dust bin capacity	l		175 - 90
Wheels material			Polyurethane
Weight	kg		325
Packing weight	kg		345
Dimensions - L x W x H (005 - 008)	mm		1.450 x 710 x 1.880 (2.080 - 2.18
Standard packing size - L x W x H (005 - 008)	mm		1.600 x 800 x 1.990 (2.190 - 2.29
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
	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
	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) EN60335-2-69; 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

OUTRITS		175 l - €	90 l - €
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
004	Electric filter shaker with push-button	R	R
004A	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
044	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