

K20PM.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

K20PM.022B	21,3 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner
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K20P/90M.022B	21,3 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	
Power	kW - HP	21,3 - 28,5	
Input voltages Y ¹⁾	V	660 ... 725	
Current Y	A	22,1	
Input voltages D ¹⁾	V	380 ... 420	
Current D	A	38,3	
Electric protection ²⁾			IP55
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G10 H07RN-F	
length	m	9 m	
plug		Not supplied	
Insulation class ³⁾		F	
Energetic class ⁴⁾		IE3	
ATEX Mark ⁵⁾		II 3D - Ex h I c IIIB T 135°C Dc	
Maximum vacuum	mmHg	4.500	
	mbar	450	
Nominal vacuum ²⁾	mmHg	2.500	
	mbar	250	
Maximum air flow	l/min	37.633	
	m ³ /h	2.258	
Acoustic level ⁶⁾	dB (A)	78	
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	175 - 90	
Wheels material		Polyurethane	
Weight	kg	732	
Packing weight	kg	752	
Dimensions - L x W x H (005 - 008)	mm	2.100 x 887 x 2.323 (2.365 - 2.323)	
Standard packing size - L x W x H (005 - 008)	mm	2.100 x 950 x 2.488 (2.530 - 2.488)	
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	90.000 - 9
	Diameter	mm	780
	Dust Class ^{a)} Media ^{b)}		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 ^{a)} 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	260.000 - 26
	Media		Glass fibre
	Dust Class ^{a)}		H14
	Efficiency M.P.P.S. ^{a)}		99,995%

Normatives: a) IEC60529; b) IEC600085; c) IEC60034-2-1; 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⁾ Class 0, 18 µm particles

OUTFITS		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
005S5	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
008S5	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
603	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