

K25SM.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

K25SM.022B	25.3 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner
K25S/90M.022B	25.3 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	
Power	kW - HP	25.3 - 33.9	
Input voltages Y ¹⁾	V	660 ... 725	
Current Y	A	25.5	
Input voltages D ¹⁾	V	380 ... 420	
Current D	A	44	
Electric protection ¹⁾			IP55
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G10 H07RN-F	
length	m	9 m	
plug		Not supplied	
Insulation class ²⁾		F	
Energetic class ³⁾		IE3	
ATEX Mark ⁴⁾		II3D - Ex h I c III B T 135°C Dc	
Maximum vacuum	mmHg	6.500	
	mbar	650	
Nominal vacuum ²⁾	mmHg	4.400	
	mbar	440	
Maximum air flow	l/min	19.783	
	m³/h	1.187	
Acoustic level ⁵⁾	dB (A)	78	
Environmental working temperature	°C	5 ÷ 40	
Dust bin capacity	L	175 - 90	
Wheels material		Polyurethane	
Weight	kg	685	
Packing weight	kg	705	
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	cm² - m²	65.000 - 6.5
	Diameter	mm	780
	Dust Class ¹⁾ Media ²⁾		M Antistatic polyester
	Filter cleaning		Electric filter shaker with push-button
	Optional primary filter - cartridges kit - Variant 008		
	Surface area Diameter	cm² - m² 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	cm² - m²	130.000 - 13
	Media		Glass fibre
	Dust Class ¹⁾		H14
	Efficiency M.P.P.S. ¹⁾ *		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 - €	90 l - €
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
005S	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	R
006	Electric filter shaker with push-button	I
006A	Automatic electric filter shaker	R
008	Automatic reverse jet cartridge filtering system	R
008S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	R
044	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
806	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