

K5SM.022

3~ M Ex IP65

ATEX ZONE 22
IN PRESENCE OF CONDUCTIVE DUST

GENERAL FEATURES

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

MACHINE

K5SM.022 5,2 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	
Power	kW - HP	5,2 - 7,0	
Input voltages Y ¹⁾	V	400	
Current Y	A	10	
Input voltages D ¹⁾	V	230	
Current D	A	17,3	
Electric protection ²⁾			IP65
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G2,5 H07RN-F	
length	m	9	
plug			Not supplied
Insulation class ³⁾			F
Energetic class ⁴⁾			IE1
ATEX Mark ⁵⁾			II3D - Ex h I c IICT 135°C Dc
Maximum vacuum	mmHg	5.100	
	mbar	510	
Nominal vacuum ²⁾	mmHg	4.400	
	mbar	440	
Maximum air flow	l/min	5.600	
	m ³ /h	336	
Acoustic level ⁶⁾	dB (A)	74	
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	90	
Wheels material		Rubber	
Weight	kg	155	
Packing weight	kg	170	
Dimensions - L x W x H (008)	mm	1.120 x 620 x 1.450 (1.750)	
Standard packing size - L x W x H (008)	mm	1.140 x 730 x 1.610 (1.860)	
Diameters:			
material inlet	mm	70	
wheels: chassis	mm	150 - 200	
wheels: bin	mm	60	

FILTRATION DATA

	Default primary star filter		
	Surface area	cm ² - m ²	19.500 - 1,95
	Diameter	mm	460
	Dust Class ^{a)} Media ^{b)}		M Antistatic polyester
	Filter cleaning		Ergonomic manual filter shaker
	Optional primary filter - cartridges kit - Variant 008		
	Surface area Diameter	cm ² - m ² mm	56.400 - 5,64 460
	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	52.000 - 5,2
	Media		Glass fibre
	Dust Class ^{a)}		H14
	Efficiency M.P.P.S. ^{a,c)}		99,995%

Normatives: a) IEC60529; b) IEC60089; c) IEC60334-2-1; d) 2014/34/EU; 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	€
001 AISI 304 stainless steel dust bin	I
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
006 Electric filter shaker with push-button	R
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
046 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

LEGEND: R = Price upon request I = Included X = Not available