

K5S



GENERAL FEATURES

- Overheating safety relief valve
- Mark proof wheels with bearings
- L-M-H filtration for hazardous dust vacuuming upon request

MACHINE

K5S 5,5 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	60 Hz
Power	kW · HP	5,5 - 7,4	6,6 - 8,8
Input voltages Y ¹⁾	V	400	380
Current Y	A	11	12,1
Input voltages D ¹⁾	V	230	220
Current D	A	19	21
Electric protection ²⁾		IP55	
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G2,5 H07RN-F	
length	m	9	
plug		16 A with phase inverter - 4 poles	
Insulation class ³⁾		F	
Energetic class ⁴⁾		IE1	
Maximum vacuum	mmH ₂ O	5.100	5.000
	mbar	510	500
Nominal vacuum ⁵⁾	mmH ₂ O	4.000	4.000
	mbar	400	400
Maximum air flow	l/min	5.600	6.833
	m ³ /h	336	410
Acoustic level ⁶⁾	dB (A)	75	76
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	90	
Wheels material		Rubber	
Weight	kg	154	
Packing weight	kg	169	
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
	Diameter	mm
	Dust Class ^{a)} Media ^{b)}	
	Filter cleaning	
	Ergonomic manual filter shaker	
	Optional primary filter - cartridges kit - Variant 008	
	Surface area Diameter	cm ² · m ² mm
	Dust Class ^{a)} Media	
	Compressed air consumption pressure	nl/min bar
	Filter cleaning	
	Automatic cleaning system	
	Upstream absolute filter - Variant 005	
	Surface area	cm ² · m ²
	Media	
	Dust Class ^{b)}	
	Efficiency M.P.P.S. ^{1/4)}	
	99,995%	

Normatives: a) IEC60529; b) IEC60085; c) IEC6034-2-1; d) EN60704-2-1; e) EN60335-2-49; f) 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

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ACD	Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020	R
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
004	Liquids bin level monitoring system switch off	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
075	Bin overfilling machine switch off	R
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R
120	M dust class primary filter	R
320	Vulkollan wheels	R
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R