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MACHINES2CLEAN
affordable cleaning machines

KB7S



GENERAL FEATURES

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

MACHINE

KB7S 7,5 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	60
Power	kW - HP	7,5 - 10,1	9,0 -
Input voltages Y ¹⁾	V	690	75
Current Y	A	10,7	10
Input voltages D ¹⁾	V	400	44
Current D	A	18,5	18
Electric protection ²⁾			IP55
Default factory setting	V Hz	400 50	
Electrical cable:			
type		4G6 H07RN-F	
length	m	9	
plug		32 A with phase inverter - 4 poles	
Insulation class ³⁾		F	
Energetic class ⁴⁾		IE1	
Maximum vacuum	mmHg	4.300	5.0
	mbar	430	50
Nominal vacuum ²⁾	mmHg	4.250	3.5
	mbar	425	35
Maximum air flow	l/min	9.183	10.0
	m ³ /h	551	60
Acoustic level ⁵⁾	dB (A)	78	7
Environmental working temperature	°C		5 + 40
Dust bin capacity	l		90
Wheels material			Rubber
Weight	kg		237
Packing weight	kg		257
Dimensions - L x W x H (005 - 008)	mm	1.295 x 650 x 1.770 (1.970 - 2.070)	
Standard packing size - L x W x H (005 - 008)	mm	1.600 x 800 x 1.880 (2.080 - 2.180)	
Diameters:			
material inlet	mm		100
air exhaust	mm		150
wheels: chassis	mm		150 - 200
wheels: bin	mm		60

FILTRATION DATA

Default primary star filter			
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	Dust Class ¹⁾ Media ²⁾		L Polyester
	Filter cleaning		Ergonomic manual filter shaker
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
	Filter cleaning		Automatic cleaning system
Upstream absolute filter - Variant 005			
	Surface area	cm ² - m ²	120.000 - 12
	Media		Glass fibre
	Dust Class ¹⁾		H14
	Efficiency M.P.P.S. ^{1,4)}		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60334-2-1; d) EN60704-2-1; e) EN60335-2-69; 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

ACD	Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020
001	AISI 304 stainless steel dust bin
002	AISI 304 stainless steel dust bin and filtering chamber
003	Entirely made out of AISI 304 stainless steel
005	Upstream absolute filter (HEPA)
0055S	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel
006	Electric filter shaker with push-button
006A	Automatic electric filter shaker
008	Automatic reverse jet cartridge filtering system
0085S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel
075	Bin overflowing machine switch off
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel
120	M dust class primary filter
320	Vulkollan wheels
603	Disposal bag vacuum balance system for dust collection directly into plastic bags
821	Air exhaust hose fitting