

## KB6



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

### MACHINE

**KB6** 5,5 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	60
<b>Power</b>	KW - HP	5,5 - 7,5	6,5
<b>Input voltages Y <sup>1)</sup></b>	V	600 ... 720	660
<b>Current Y</b>	A	6,4	6
<b>Input voltages D <sup>2)</sup></b>	V	400	4
<b>Current D</b>	A	11,1	1
<b>Electric protection <sup>3)</sup></b>			IP55
<b>Default factory setting</b>	V   Hz	400   50	
<b>Electrical cable:</b>			
type		4G2,5 H07RN-F	
length	m	9	
plug		16 A with phase inverter - 4 poles	
<b>Insulation class <sup>4)</sup></b>			F
<b>Energetic class <sup>5)</sup></b>			IE3
<b>Maximum vacuum</b>	mmH <sub>2</sub> O	4.300	5.1
	mbar	430	5
<b>Nominal vacuum <sup>2)</sup></b>	mmH <sub>2</sub> O	2.500	2.7
	mbar	250	2
<b>Maximum air flow</b>	l/min	9.833	11.
	m <sup>3</sup> /h	590	7
<b>Acoustic level <sup>6)</sup></b>	dB (A)	75	7
<b>Environmental working temperature</b>	°C		5 ÷ 40
<b>Dust bin capacity</b>	l		90
<b>Wheels material</b>			Rubber
<b>Weight</b>	kg		198
<b>Packing weight</b>	kg		218
<b>Dimensions - L x W x H (005 - 008)</b>	mm	1.295 x 650 x 1.770 (1.970 - 2.070)	
<b>Standard packing size - L x W x H (005 - 008)</b>	mm	1.600 x 800 x 1.880 (2.080 - 2.180)	
<b>Diameters:</b>			
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 <sup>2</sup> - m <sup>2</sup>	35.000 - 3,5
	Diameter	mm	560
	Dust Class <sup>a)</sup>   Media <sup>b)</sup>		L   Polyester
	Filter cleaning		Ergonomic manual filter shaker
Optional primary filter - cartridges kit - Variant 008			
	Surface area   Diameter	cm <sup>2</sup> - m <sup>2</sup>   mm	94.800 - 9,48   560
	Dust Class <sup>a)</sup>   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 <sup>2</sup> - m <sup>2</sup>	52.000 - 5,2
	Media		Glass fibre
	Dust Class <sup>a)</sup>		H14
	Efficiency M.P.P.S. <sup>1)</sup> <sup>6)</sup>		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60034-2-1; d) EN60704-2-1; e) EN60335-2-69; f) EN1822

#### Notes:

- <sup>1)</sup> Other input voltages upon request
- <sup>2)</sup> Maximum vacuum in continuous run
- <sup>3)</sup> Other materials available according to the material to be vacuumed
- <sup>4)</sup> With 6,3 µm particles

### OUTFITS

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