

# KB7P



## GENERAL FEATURES

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

## MACHINE

**KB7P** 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 - 13
Input voltages Y <sup>1)</sup>	V	600...720	660...
Current Y	A	8,95	8
Input voltages D <sup>1)</sup>	V	345...415	380...
Current D	A	15,5	15
Electric protection <sup>2)</sup>			IP55
Default factory setting	V   Hz		400   50
<b>Electrical cable:</b>			
type			4G6 H07RN-F
length	m		9
plug			32 A with phase inverter - 4 poles
Insulation class <sup>3)</sup>			F
Energetic class <sup>4)</sup>			IE3
Maximum vacuum	mmHg	4.000	5.2
	mbar	400	52
Nominal vacuum <sup>5)</sup>	mmHg	2.900	2.1
	mbar	290	21
Maximum air flow	l/min	11.600	14,1
	m <sup>3</sup> /h	696	8
Acoustic level <sup>6)</sup>	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)	
<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		cm <sup>2</sup> - m <sup>2</sup>	35.000 - 3,5
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
<b>Optional primary filter - cartridges kit - Variant 008</b>			
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
<b>Upstream absolute filter - Variant 005</b>			
Surface area	cm <sup>2</sup> - m <sup>2</sup>		120.000 - 12
Media			Glass fibre
Dust Class <sup>a)</sup>			H14
Efficiency M.P.P.S. <sup>1)</sup> <sup>2)</sup>			99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60334-2-1; d) EN60704-2-1; e) EN6135-2-49; 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 0,18 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>403</b>	Disposal bag vacuum balance system for dust collection directly into plastic bags
<b>821</b>	Air exhaust hose fitting