

KB3P






- GENERAL FEATURES**
- Overheating safety relief valve
 - Vacuumeter upon request
 - L-WH filtration for hazardous dust vacuuming upon request

MACHINE

KB3P	3 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner
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KB3P/50	3 kW, 50 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner
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TECHNICAL DATA		50 Hz	60 Hz
Power	kW - HP	3,0 - 4,0	---
Input voltages Y ¹⁾	V	345 ... 415	---
Current Y	A	7,2	---
Input voltages D ¹⁾	V	200 ... 240	---
Current D	A	12,5	---
Electric protection ²⁾			IP55
Default factory setting	Y E		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	3.200	---
	mbar	320	---
Nominal vacuum ⁵⁾	mmH ₂ O	2.200	---
	mbar	220	---
Maximum air flow	l/min	7.183	---
	m ³ /h	431	---
Acoustic level ⁶⁾	dB (A)	74	---
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	90 - 50	
Wheels material		Rubber	
Weight	kg	116	
Packing weight	kg	131	
Dimensions - L x W x H (008)	90 l mm	990 x 650 x 1.440 (1.740)	
	50 l mm	990 x 650 x 1.220 (1.520)	
Standard packing size - L x W x H (008)	90 l mm	1.140 x 730 x 1.610 (1.850)	
	50 l mm	1.140 x 730 x 1.610 (1.630)	
Diameters:			
material inlet	mm	70	
air exhaust	mm	100	
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)}		L Polyester
	Filter cleaning		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	28.000 - 2,8
	Media		Glass Fibre
	Dust Class ^{b)}		H14
Efficiency M.P.P.S. ^{c)}		99,995%	

Normatives: a) IEC60529; b) IEC60008; c) IEC60334-2-1; 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⁾ IEC 60335-2-49
⁵⁾ IEC 60335-2-49

OUTFITS	90 l - E	50 l - E
ACD Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020	R	R
001 AISI 304 stainless steel dust bin	R	R
002 AISI 304 stainless steel dust bin and filtering chamber	R	R
003 Entirely made out of AISI 304 stainless steel	R	R
004 Liquids bin level monitoring system switch off	R	R
005 Upstream absolute filter (HEPA)	R	R
006 Electric filter shaker with push-button	R	R
006A Automatic electric filter shaker	R	R
008 Automatic reverse jet cartridge filtering system	R	R
008SS Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	R	R
075 Bin overfilling machine switch off	R	R
104 Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R	R
120 M dust class primary filter	R	R
320 Vulkan wheels	R	R
403 Disposal bag vacuum balance system for dust collection directly into plastic bags	R	R
800 Material inlet fitted on castor wheels side	X	X
821 Air exhaust hose fitting	R	R
MARKWH Mark proof wheels with bearings	R	R