

KB4P/56M.022B

3~ IP55

ATEX ZONE 22
NO CONDUCTIVE DUST

GENERAL FEATURES

- Overheating safety relief valve
- Antistatic wheels
- Vacuometre upon request
- H filtration for hazardous dust vacuuming upon request

MACHINE

KB4P/56M.022B 3 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	
Power	kW - HP	4,0 - 5,4	-
Input voltages Y ¹⁾	V	400	-
Current Y	A	8	-
Input voltages D ¹⁾	V	230	-
Current D	A	13,9	-
Electric protection ²⁾		IP55	-
Default factory setting	V Hz	400 50	-
Electrical cable:			
type		4G2,5 H07RN-F	-
length	m	9 m	-
plug		Not supplied	-
Insulation class ³⁾		F	-
Energetic class ⁴⁾		IE1	-
ATEX Mark ⁵⁾		II 3D - Ex h Ic IIIB T 135°C Dc	-
Maximum vacuum	mmHg	2.600	-
	mbar	260	-
Nominal vacuum ²⁾	mmHg	1.800	-
	mbar	180	-
Maximum air flow	l/min	9.100	-
	m³/h	546	-
Acoustic level ⁶⁾	dB (A)	74	-
Environmental working temperature	°C	5 ÷ 40	-
Dust bin capacity	l	90	-
Wheels material		Rubber	-
Weight	kg	151	-
Packing weight	kg	166	-
Dimensions - L x W x H (005 - 008)	mm	1.025 x 620 x 1.700 (1.900 - 2.000)	-
Standard packing size - L x W x H (005 - 008)	mm	1.140 x 730 x 1.610 (2.010 - 2.110)	-
Diameters:			
material inlet	mm	100	-
air exhaust	mm	100	-
wheels: chassis	mm	150 - 200	-
wheels: bin	mm	60	-

FILTRATION DATA

	Default primary star filter		
	Surface area	cm² - m²	35.000 - 3,5
	Diameter	mm	560
	Dust Class ^{a)} Media ^{b)}		M Antistatic polyester
	Optional primary filter - cartridges kit - Variant 008		
	Surface area Diameter	cm² - m² mm	94.800 - 9,48 560
	Dust Class ^{a)} Media		M Antistatic polyester
	Compressed air consumption pressure	nl/min bar	48 4 ÷ 6
	Upstream absolute filter - Variant 005		
	Surface area	cm² - m²	52.000 - 5,2
	Media		Glass fibre
	Dust Class ^{a)}		H14
Efficiency M.P.P.S. ^{a) 6)}			99,995%

Normatives: a) IEC60529; b) IEC600085; c) IEC60034-2-1; d) 2014/34/EU; e) EN60704-2-1; f) EN60335-2-40; g) 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	€
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
005 Upstream absolute filter (HEPA)	R
005S Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	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
046 Bin overfilling machine switch off	R
104 Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R
603 Disposal bag vacuum balance system for dust collection directly into plastic bags	R
800 Material inlet fitted on castor wheels side	X
821 Air exhaust hose fitting	R

LEGENDA: R = price upon request I = included X = not available