

KB6M.022B

3~ M2 Ex IP55

ATEX ZONE 22

NO CONDUCTIVE DUST



GENERAL FEATURES

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

MACHINE

KB6M.022B 5,5 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	
Power	kW - HP	5,5 - 7,4	
Input voltages Y ¹⁾	V	600 ... 720	
Current Y	A	6,4	
Input voltages D ¹⁾	V	345 ... 415	
Current D	A	11,1	
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⁾			II3D - Ex h I c IIIB T 135°C Dc
Maximum vacuum	mmHg	4.000	
	mbar	400	
Nominal vacuum ²⁾	mmHg	2.100	
	mbar	210	
Maximum air flow	l/min	11.600	
	m ³ /h	696	
Acoustic level ⁶⁾	dB (A)	75	
Environmental working temperature	°C		5 ÷ 40
Dust bin capacity	l		90
Wheels material			Rubber
Weight	kg		206
Packing weight	kg		226
Dimensions - L x W x H (008)	mm		1.295 x 650 x 1.990 (2.070)
Standard packing size - L x W x H (008)	mm		1.600 x 800 x 2.100 (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 ^{a)} Media ^{b)}		M Antistatic 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 ^{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	120.000 - 12
	Media		Glass fibre
	Dust Class ^{a)}		H14
	Efficiency M.P.P.S. ^{a) c)}		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC6034-2-1; d) 2014/34/EU; e) EN60704-2-1; f) EN60335-2-49; g) EN1822

Notes:

¹⁾ Other input voltages upon request²⁾ Maximum vacuum in continuous run³⁾ Other materials available according to the material to be vacuumed⁴⁾ 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
005S5	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
008S5	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
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R
821	Air exhaust hose fitting	R

LEGENDA:

R = price upon request

I = included

X = not available