KB3PM.022

3~ M Ex IP65

ATEX ZONE 22
IN PRESENCE OF CONDUCTIVE DUST

GENERAL FEATURES

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

MACHINE

KB3PM.022	4 kW, 20 l capacity, plug KAL 2015 painted, 40 mm diameter, three phase industrial vacuum cleaner
KB3PM.022S	4 kW, 90 l capacity, plug KAL 2015 painted, 40 mm diameter, three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	
Power	kW - HP	4,0 - 5,4	
Input voltages Y [1]	V	380 ... 420	
Current Y	A	7,4	
Input voltages D [1]	V	440 ... 480	
Current D	A	7,2	
Electric protection [4]		IP65	
Default factory setting	V | Hz	400 | 50	
Electrical cable:			
type		4G2,5 H07RN-F	
length	m	9	
plug		Not supplied	
Insulation class [b]		F	
Energetic class [c]		IE3	
ATEX Mark [d]		**II3D - Ex h tc IIIC T 135°C Dc**	
Maximum vacuum	mmH_2O	3.200	
	mbar	320	
Nominal vacuum [2]	mmH_2O	2.400	
	mbar	240	
Maximum air flow	l/min	7.183	
	m^3/h	431	
Acoustic level [e]	dB (A)	76	
Environmental working temperature	°C	5 ÷ 40	
Dust bin capacity	l	90 - 50	
Wheels material		Rubber	
Weight	kg	147	
Packing weight	kg	162	
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 1.440 (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 [f] | Media [3]		M | Antistatic 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 [f] | 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 [g]		H14
	Efficiency M.P.P.S. [g] [4]		99,995%

Normatives: a) IEC60529; b) IEC600085; c) IEC60034-2-1; d) 2014/34/UE; e) EN60704-2-1; f) EN60335-2-69; 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		90 l - £	50 l - £
001	AISI 304 stainless steel dust bin	I	I
002	AISI 304 stainless steel dust bin and filtering chamber	R	R
003	Entirely made out of AISI 304 stainless steel	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
066	Bin overfilling machine switch off	R	R
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R	R
603	Disposal bag vacuum balance system for dust collection directly into plastic bags	R	R
800	Material inlet fitted on castor wheels side	R	R
821	Air exhaust hose fitting	R	R

LEGEND: R = Price upon request I = Included X = Not available