

# KM1



## GENERAL FEATURES

- Mark proof wheels with bearings
- Vacuum gauge
- L-M-H filtration for hazardous dust vacuuming upon request

## TECHNICAL DATA

		50/60 Hz
<b>Power</b>	kW - HP	1 - 1,34
<b>Input voltages Y <sup>1)</sup></b>	V	230
<b>Current Y</b>	A	4,5
<b>Electric protection <sup>4)</sup></b>		IP43
<b>Default factory setting</b>	V   Hz	230   50/60
<b>Electrical cable:</b>		
type		3G1,5 HO7RN-F
length	m	9
plug		Schuko
<b>Insulation class <sup>5)</sup></b>		F
<b>Maximum vacuum</b>	mmH <sub>2</sub> O	2.100
	mbar	210
<b>Maximum air flow</b>	l/min	2.888
	m <sup>3</sup> /h	173
<b>Acoustic level <sup>2)</sup></b>	dB (A)	69
<b>Environmental working temperature</b>	°C	5 + 40
<b>Dust bin capacity</b>	l	25
<b>Wheels material</b>		Rubber
<b>Weight</b>	kg	26
<b>Packing weight</b>	kg	35
<b>Dimensions - L x W x H</b>	mm	572 x 502 x 1.080
<b>Standard packing size - L x W x H</b>	mm	820 x 550 x 1.630
<b>Diameters:</b>		
material inlet	mm	50
wheels: chassis	mm	100 - 150
wheels: bin	mm	50

## FILTRATION DATA

		Default	Variant 120M16	
	<b>Primary star filter</b>			
	Dust Class <sup>6)</sup>	L	M	
	Media <sup>7)</sup>	Polyester	Polyurethane injected polyester	
	Surface area	cm <sup>2</sup> - m <sup>2</sup>	7.000 - 0,7	10.000 - 1
	Diameter	mm	360	
Filter cleaning type		Ergonomic manual filter shaker		
	<b>Upstream absolute filter - Variant 005</b>			
	Surface area	cm <sup>2</sup> - m <sup>2</sup>	16.000 - 1,6	
	Media		Glass fibre	
	Dust Class <sup>6)</sup>		H14	
Efficiency M.P.P.S. <sup>8)</sup>		99,995%		

Normatives: a) IEC60529; b) IEC60085; c) EN60704-2-1; d) EN60335-2-69; e) EN1822

Notes:

<sup>1)</sup> Other input voltages upon request

<sup>2)</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>004</b>	Liquids bin level monitoring system switch off
<b>005</b>	Upstream absolute filter (HEPA) with M dust class primary filter
<b>075</b>	Bin overflowing machine switch off
<b>110</b>	Fitted with 110 V vacuum unit(s)
<b>120</b>	M dust class primary filter
<b>120M16</b>	M dust class high surface primary filter
<b>320</b>	Vulkollan wheels
<b>603</b>	Disposal bag vacuum balance system for dust collection directly into plastic bags