

## K3M.022

3~ M Ex IP65

ATEX ZONE 22  
IN PRESENCE OF CONDUCTIVE DUST

## GENERAL FEATURES

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

## MACHINE

K3M.022 2,6 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

| TECHNICAL DATA                          |                   | 50 Hz                         |  |
|-----------------------------------------|-------------------|-------------------------------|--|
| Power                                   | kW - HP           | 2,6 - 3,5                     |  |
| Input voltages Y <sup>1)</sup>          | V                 | 400                           |  |
| Current Y                               | A                 | 6                             |  |
| Input voltages D <sup>1)</sup>          | V                 | 230                           |  |
| Current D                               | A                 | 10,4                          |  |
| Electric protection <sup>4)</sup>       |                   | IP65                          |  |
| Default factory setting                 | V   Hz            | 400   50                      |  |
| Electrical cable:                       |                   |                               |  |
| type                                    |                   | 4G2,5 H07RN-F                 |  |
| length                                  | m                 | 9                             |  |
| plug                                    |                   | Not supplied                  |  |
| Insulation class <sup>5)</sup>          |                   | F                             |  |
| Energetic class <sup>4)</sup>           |                   | IE1                           |  |
| ATEX Mark <sup>4)</sup>                 |                   | II3D - Ex h Ic IIICT 135°C Dc |  |
| Maximum vacuum                          | mmHg              | 3.200                         |  |
|                                         | mbar              | 320                           |  |
| Nominal vacuum <sup>2)</sup>            | mmHg              | 2.300                         |  |
|                                         | mbar              | 230                           |  |
| Maximum air flow                        | l/min             | 5.600                         |  |
|                                         | m <sup>3</sup> /h | 336                           |  |
| Acoustic level <sup>4)</sup>            | dB (A)            | 73                            |  |
| Environmental working temperature       | °C                | 5 ÷ 40                        |  |
| Dust bin capacity                       | l                 | 90                            |  |
| Wheels material                         |                   | Rubber                        |  |
| Weight                                  | kg                | 122                           |  |
| Packing weight                          | kg                | 137                           |  |
| Dimensions - L x W x H (008)            | mm                | 1.120 x 620 x 1.450 (1.750)   |  |
| Standard packing size - L x W x H (008) | mm                | 1.140 x 730 x 1.610 (1.860)   |  |
| Diameters:                              |                   |                               |  |
| material inlet                          | mm                | 70                            |  |
| wheels: chassis                         | mm                | 150 - 200                     |  |
| wheels: bin                             | mm                | 60                            |  |

## FILTRATION DATA

|  |                                                        |                                       |
|--|--------------------------------------------------------|---------------------------------------|
|  | Default primary star filter                            |                                       |
|  | Surface area                                           | cm <sup>2</sup> - m <sup>2</sup>      |
|  | Diameter                                               | mm                                    |
|  | Dust Class <sup>b)</sup>   Media <sup>b)</sup>         |                                       |
|  | Filter cleaning                                        |                                       |
|  | Optional primary filter - cartridges kit - Variant 008 |                                       |
|  | Surface area   Diameter                                | cm <sup>2</sup> - m <sup>2</sup>   mm |
|  | Dust Class <sup>b)</sup>   Media                       |                                       |
|  | Compressed air consumption   pressure                  | nl/min   bar                          |
|  | Filter cleaning                                        |                                       |
|  | Upstream absolute filter - Variant 005                 |                                       |
|  | Surface area                                           | cm <sup>2</sup> - m <sup>2</sup>      |
|  | Media                                                  |                                       |
|  | Dust Class <sup>c)</sup>                               |                                       |
|  | Efficiency M.P.P.S. <sup>e)</sup>                      |                                       |

Normatives: a) IEC60529; b) IEC60085; c) IEC60034-2-1; d) 2014/34/EU; e) EN60704-2-1; f) EN60335-2-49; g) EN1822

Notes:

<sup>1)</sup> Other input voltages upon request<sup>2)</sup> Maximum vacuum in continuous run<sup>3)</sup> Other materials available according to the material to be vacuumed<sup>4)</sup> With 0,18 µm particles

## OUTFITS

|      | £                                                                                                   |
|------|-----------------------------------------------------------------------------------------------------|
| 001  | AISI 304 stainless steel dust bin                                                                   |
| 002  | AISI 304 stainless steel dust bin and filtering chamber                                             |
| 003  | Entirely made out of AISI 304 stainless steel                                                       |
| 005  | Upstream absolute filter (HEPA)                                                                     |
| 006  | Electric filter shaker with push-button                                                             |
| 006A | Automatic electric filter shaker                                                                    |
| 008  | Automatic reverse jet cartridge filtering system                                                    |
| 008S | Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel                |
| 046  | Bin overfilling machine switch off                                                                  |
| 104  | Remote on/off switch arrangement through dry contact onto processing machine electric control panel |
| 403  | Disposal bag vacuum balance system for dust collection directly into plastic bags                   |

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