

## ASPIRATEUR INDUSTRIEL pour PROCESS

Les aspirateurs de la gamme KH sont des aspirateurs polyvalents, adaptés à l'aspiration de tous types de poussières.

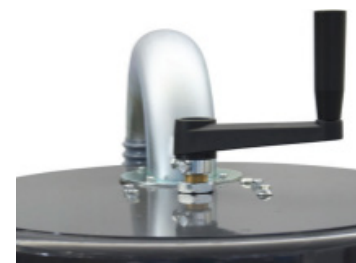
Ces aspirateurs sont insonorisés et équipés d'une unité aspirante triphasée sans entretien, permettant une aspiration 24 h/24.

Les KH3046PM.021 sont également dotés de filtres hygiéniques de grande surface et sont déclinables en version ATEX afin de travailler dans des atmosphères explosives.

Les principales applications des aspirateurs KH sont : les machines d'usinage de précision et d'assemblage, les machines de conditionnement, ainsi que les secteurs de la production alimentaire, cosmétique et pharmaceutique.



|                      |                          |
|----------------------|--------------------------|
| Puissance            | 4,0 KW                   |
| Tension              | 400 / 50 V               |
| Dépression maximal   | 3.200 mmH <sup>2</sup> O |
| Débit d'aire maximum | 431 m <sup>3</sup> /h    |
| Capacité de la cuve  | 35 l                     |



Poignée de décolmatage



Option : Filtre absolu en amont (HEPA) avec filtre M



Filtre étoile

# KH3046PM.021



ATEX ZONE 21



## GENERAL FEATURES

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

## TECHNICAL DATA

|  |                    | 50 Hz                         | 60 Hz       |
|--|--------------------|-------------------------------|-------------|
| <b>Power</b>                             | kW - HP            | 4,0 - 5,4                     | 4,6 - 6,1   |
| <b>Input voltages Y <sup>1)</sup></b>    | V                  | 380 ... 420                   | 220 ... 240 |
| <b>Current Y</b>                         | A                  | 7,4                           | 12,8        |
| <b>Input voltages D <sup>1)</sup></b>    | V                  | 440 ... 480                   | ---         |
| <b>Current D</b>                         | A                  | 7,2                           | ---         |
| <b>Electric protection <sup>a)</sup></b> |                    | IP65                          |             |
| <b>Default factory setting</b>           | V   Hz             | 400   50                      |             |
| <b>Electrical cable:</b>                 |                    |                               |             |
| type                                     |                    | 4G2,5 H07RN-F                 |             |
| length                                   | m                  | 6                             |             |
| plug                                     |                    | Not supplied                  |             |
| <b>Insulation class <sup>b)</sup></b>    |                    | F                             |             |
| <b>Energetic class <sup>c)</sup></b>     |                    | IE3                           |             |
| <b>ATEX Mark <sup>d)</sup></b>           |                    | II2D - Ex h tb IIICT 125°C Db |             |
| <b>Maximum vacuum</b>                    | mmH <sub>2</sub> O | 3.200                         | 4.000       |
|  | mbar               | 320                           | 400         |
| <b>Nominal vacuum <sup>2)</sup></b>      | mmH <sub>2</sub> O | 2.400                         | 2.600       |
|  | mbar               | 240                           | 260         |
| <b>Maximum air flow</b>                  | l/min              | 7.183                         | 8.750       |
|  | m <sup>3</sup> /h  | 431                           | 525         |
| <b>Acoustic level <sup>d)</sup></b>      | dB (A)             | 73                            | 74          |
| <b>Environmental working temperature</b> | °C                 | 5 ÷ 40                        |             |
| <b>Dust bin capacity</b>                 | l                  | 35                            |             |
| <b>Weight</b>                            | kg                 | 105                           |             |
| <b>Packing weight</b>                    | kg                 | 115                           |             |
| <b>Dimensions - L x W x H</b>            | mm                 | 929 x 563 x 1.219             |             |
| <b>Packing size - L x W x H</b>          | mm                 | 1.140 x 730 x 1.610           |             |
| <b>Diameters:</b>                        |                    |                               |             |
| material inlet                           | mm                 | 70                            |             |
| air exhaust                              | mm                 | 80                            |             |

## FILTRATION DATA

|                 | Default primary bag filter                     |                                  |                          |
|-----------------|--|----------------------------------|--------------------------|
|                 | Surface area                                   | cm <sup>2</sup> - m <sup>2</sup> | 19.500 - 1,95            |
|                 | Diameter                                       | mm                               | 460                      |
|                 | Dust Class <sup>f)</sup>   Media <sup>3)</sup> |                                  | M   Antistatic polyester |
| Filter cleaning |  | Manual filter shaker             |                          |
|                 | Upstream absolute filter - Variant 005         |                                  |                          |
|                 | Surface area                                   | cm <sup>2</sup> - m <sup>2</sup> | 28.000 - 2,8             |
|                 | Media  |                                  | Glass fibre              |
|                 | Dust Class <sup>g)</sup>                       |                                  | H14                      |
|                 | Efficiency M.P.P.S. <sup>g) 4)</sup>           |                                  | 99,995%                  |

Normatives: a) IEC60529; b) IEC60085; c) IEC60034-2-1; d) 2014/34/UE; e) EN60704-2-1; f) EN60335-2-69; 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
- <sup>5)</sup> "Pharma finishing": AISI 316L cleaned welding and inner mirror polished

## MACHINE

|                          |   |
|--------------------------|---|
| <b>KH3046PM.021</b>      | 4 kW, 35 l capacity, grey RAL 9006 painted, 460 mm diameter three phase industrial vacuum cleaner   |
| <b>KH3046PM.021-60Hz</b> | 4,6 kW, 35 l capacity, grey RAL 9006 painted, 460 mm diameter three phase industrial vacuum cleaner |

## OUTFITS

|             |   |   |
|-------------|---|---|
| <b>001</b>  | AISI 304 stainless steel dust bin   | I |
| <b>001P</b> | AISI 316L stainless steel dust bin - Pharma finishing <sup>1)</sup>   |   |
| <b>003</b>  | Entirely made out of AISI 304 stainless steel   |   |
| <b>003P</b> | AISI 304 stainless steel completely made with AISI 316L stainless steel dust bin and filtering chamber - Pharma finishing <sup>5)</sup> |   |
| <b>005</b>  | Upstream absolute filter (HEPA)   |   |
| <b>090</b>  | On/off switch with thermal protection   |   |
| <b>104</b>  | Remote on/off switch arrangement through dry contact onto processing machine electric control panel                                     |   |
| <b>961</b>  | Chassis with wheels   |   |