

ASPIRATEUR INDUSTRIEL pour PROCESS



Les aspirateurs de la gamme KF 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 KF10M.F022B 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 KF 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 | 1,1 KW |
| Tension | 400 V 50 Hz |
| Dépression maximal | 2.500 mmH ² O |
| Débit d'air maximum | 144 m ³ /h |
| Capacité de la cuve | 25 l |



Indicateur de colmatage



Système de décolmatage ergonomique



OPTION : Bras d'aspiration



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

KF10M.F022B



ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

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

TECHNICAL DATA

| | | 50 Hz | 60 Hz |
|--|--------------------|--------------------------------|-------------|
| Power | kW - HP | 1,1 - 1,47 | 1,3 - 1,74 |
| Input voltages Y ¹⁾ | V | 345 ... 415 | 380 ... 480 |
| Current Y | A | 2,4 | 2,4 |
| Input voltages D ¹⁾ | V | 200 ... 240 | 220 ... 280 |
| Current D | A | 4,1 | 4,1 |
| Electric protection ^{a)} | | IP55 | |
| Default factory setting | V Hz | 400 50 | |
| Electrical cable: | | | |
| type | | 4G1,5 H07RN-F | |
| length | m | 6 | |
| plug | | Not supplied | |
| Insulation class ^{b)} | | F | |
| Energetic class ^{c)} | | IE2 | |
| ATEX Mark ^{d)} | | II3D - Ex h tc IIIB T 135°C Dc | |
| Maximum vacuum | mmH ₂ O | 2.500 | 3.200 |
| | mbar | 250 | 320 |
| Nominal vacuum ²⁾ | mmH ₂ O | 2.000 | 1.750 |
| | mbar | 200 | 175 |
| Maximum air flow | l/min | 2.400 | 2.900 |
| | m ³ /h | 144 | 174 |
| Acoustic level ^{e)} | dB (A) | 64 | 65 |
| Environmental working temperature | °C | 5 ÷ 40 | |
| Dust bin capacity | l | 25 | |
| Wheels material | | Rubber | |
| Weight | kg | 82 | |
| Packing weight | kg | 97 | |
| Dimensions - L x W x H | mm | 690 x 465 x 1.475 | |
| Packing size - L x W x H | mm | 820 x 550 x 1.630 | |
| Diameters: | | | |
| material inlet | mm | 50 | |
| air exhaust | mm | 100 | |
| wheels: chassis | mm | 100 - 150 | |

FILTRATION DATA

| | Default primary star filter | | |
|--|--|----------------------------------|--------------------------------|
| | Surface area | cm ² - m ² | 7.000 - 0,7 |
| | Diameter | mm | 360 |
| | Dust Class ^{f)} Media ³⁾ | | M Antistatic polyester |
| | Filter cleaning | | Ergonomic manual filter shaker |
| | Upstream absolute filter - Variant 005 | | |
| | Surface area | cm ² - m ² | 16.000 - 1,6 |
| | Media | | Glass Fibre |
| | Dust Class ^{g)} | | H14 |
| | Efficiency M.P.P.S. ^{g) 4)} | | 99,995% |
| | Downstream absolute filter - Variant 045 | | |
| | Surface area | cm ² - m ² | 55.000 - 5,5 |
| | 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

⁵⁾ "Pharma finishing": AISI 316L cleaned welding and inner mirror polished

MACHINE

| | |
|-------------------------|---|
| KF10M.F022B | 1,1 kW, 25 l capacity, grey RAL 9006 painted, 360 mm diameter three phase industrial vacuum cleaner |
| KF10M.F022B-60Hz | 1,3 kW, 25 l capacity, grey RAL 9006 painted, 360 mm diameter three phase industrial vacuum cleaner |

OUTFITS

| | | |
|--------------|---|---|
| 001 | AISI 304 stainless steel dust bin | I |
| 001P | AISI 316L stainless steel dust bin - Pharma finishing ⁵⁾ | |
| 002 | AISI 304 stainless steel dust bin and filtering chamber | |
| 002P | AISI 316L stainless steel dust bin and filtering chamber - Pharma finishing ⁵⁾ | |
| 003 | AISI 304 stainless steel completely made | |
| 003P | AISI 304 stainless steel completely made with AISI 316L stainless steel dust bin and filtering chamber - Pharma finishing ⁵⁾ | |
| 005 | Upstream absolute filter (HEPA) | |
| 007 | Pneumatic filter shaker with push-button | |
| 007A | Automatic pneumatic filter shaker (adjustable at switch on or at switch off) | |
| 045 | Downstream absolute filter (HEPA) - version: painted | |
| 045SS | Downstream absolute filter (HEPA) - version: AISI 304 stainless steel | |
| 066 | Bin overfilling machine switch off | |
| 100 | Single phase vacuum unit with capacitor | |
| 104 | Remote on/off switch arrangement through dry contact onto processing machine electric control panel | |
| 603 | Disposal bag vacuum balance system for dust collection directly into plastic bags | |