

K3P



- GENERAL FEATURES**
- Overheating safety relief valve
 - Mark proof wheels with bearings
 - L-M-H filtration for hazardous dust vacuuming upon request

MACHINE

K3P 3 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

| TECHNICAL DATA | | 50 Hz | 60 Hz |
|--|-------------------|------------------------------------|-------|
| Power | kW - HP | 3,0 - 4,0 | --- |
| Input voltages Y ¹⁾ | V | 345 ... 415 | --- |
| Current Y | A | 7,2 | --- |
| Input voltages D ¹⁾ | V | 200 ... 240 | --- |
| Current D | A | 12,5 | --- |
| Electric protection ²⁾ | | IP55 | |
| Default factory setting | V Hz | 400 50 | |
| Electrical cable: | | | |
| type | | 4G2,5 H07RN-F | |
| length | m | 9 | |
| plug | | 16 A with phase inverter - 4 poles | |
| Insulation class ³⁾ | | F | |
| Energetic class ⁴⁾ | | IE1 | |
| Maximum vacuum | mmHg | 3,200 | --- |
| | mbar | 220 | --- |
| Nominal vacuum ⁵⁾ | mmHg | 2,200 | --- |
| | mbar | 220 | --- |
| Maximum air flow | l/min | 7,183 | --- |
| | m ³ /h | 431 | --- |
| Acoustic level ⁶⁾ | dB (A) | 71 | --- |
| Environmental working temperature | | | |
| Dust bin capacity | l | 90 | |
| Wheels material | | Rubber | |
| Weight | kg | 129 | |
| Packing weight | kg | 144 | |
| 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 | | cm ² - m ² | 19,520 - 1,95 |
|---|---------------------------------------|----------------------------------|--------------------------------|
| Surface area | cm ² - m ² | | 19,520 - 1,95 |
| Diameter | mm | | 460 |
| Dust Class ¹⁾ Media ²⁾ | | | L Polyester |
| Filter cleaning | | | Ergonomic 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 ¹⁾ 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 ¹⁾ | | | H14 |
| Efficiency M.P.P.S. ¹⁾⁻⁴⁾ | | | 99,995% |

Normatives: a) IEC60329; b) IEC60085; c) IEC60334-2-1; d) EN60704-2-1; e) EN60335-2-69; f) 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

| | | E |
|--------------|---|---|
| ACD | Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020 | R |
| 001 | AISI 304 stainless steel dust bin | R |
| 002 | AISI 304 stainless steel dust bin and filtering chamber | R |
| 003 | Entirely made out of AISI 304 stainless steel | R |
| 004 | Liquids bin level monitoring system switch off | R |
| 005 | Upstream absolute filter (HEPA) | R |
| 006 | Electric filter shaker with push-button | R |
| 006A | Automatic electric filter shaker | R |
| 008 | Automatic reverse jet cartridge filtering system | R |
| 008S5 | Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel | R |
| 075 | Bin overfilling machine switch off | R |
| 104 | Remote on/off switch arrangement through dry contact onto processing machine electric control panel | R |
| 120 | M dust class primary filter | R |
| 320 | Vulkolian wheels | R |
| 603 | Disposal bag vacuum balance system for dust collection directly into plastic bags | R |