

EXPLOSION PROOF ATEX CERTIFIED FANS

RKX 500x250 D3

7730016

- Duct fan with rectangular connections.
- RKX is a refinement of and a safe choice for numerous applications within the industry.
- The fan is intended for use where an explosive environment with gas can sometimes occur.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor has maintenance-free sealed ball-bearings.
- External motor protection and junction box are available as accessories.
- For speed control a transformer can be connected.
- Fan housing is manufactured from galvanized sheet steel with a nonsparking inlet cone made from copper.
- The fan is certified according to directive 2014/34/EC and quality factor G 6.3.
- Compliance with the standards EN 14986:2017 and EN ISO IEC 80079-36:2016.
- The fan is intended to be installed indoors in a duct system.
- Swing-out design to simplify maintenance and cleaning of the impeller.
- Ex-marking II2G Ex h IIB T3 Gb.



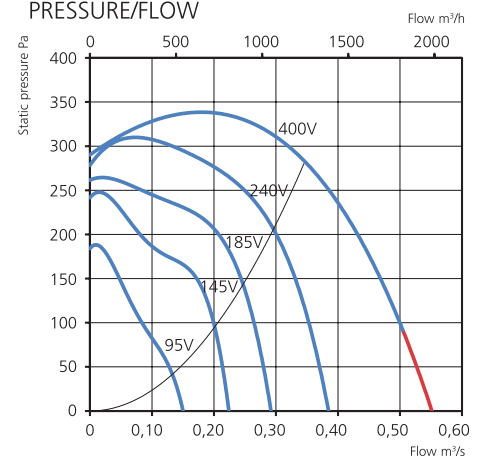
ACCESSORIES

- Junction Box ATEX
- ATEX Thermal contact relay U-EK230E

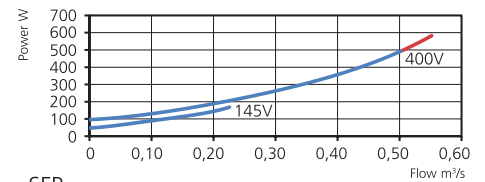
TECHNICAL DATA

| | |
|-------------------------------------|-------------|
| Voltage | 400 V |
| Frequency | 50 Hz |
| Phase | 3 ~ |
| Current | 0.85 A |
| Power | 490 W |
| Speed | 1160 r.p.m. |
| Max. temp of transported air | 40 °C |
| Sound pressure level, 3 m | 51 dB(A) |
| Weight | 18.0 kg |
| Enclosure class | 44 IP |
| Wiring diagram | 4040115 |

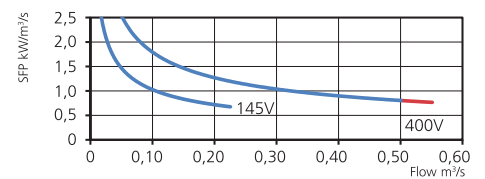
PRESSURE/FLOW



POWER/FLOW



SFP



SOUND DATA

| | L_{WA} tot dB (A) | 63 | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
|--------------------------|---------------------|----|-----|-----|-----|----|----|----|----|
| Surrounding 400 V | 58 | 35 | 46 | 54 | 50 | 52 | 47 | 42 | 36 |
| Outlet 400 V | 77 | 62 | 65 | 68 | 67 | 71 | 69 | 69 | 63 |
| Inlet 400 V | 72 | 59 | 66 | 67 | 56 | 60 | 61 | 60 | 54 |
| Inlet 240 V | 69 | 58 | 64 | 65 | 55 | 57 | 59 | 58 | 51 |
| Inlet 185 V | 67 | 56 | 61 | 63 | 53 | 55 | 57 | 55 | 48 |
| Inlet 145 V | 63 | 54 | 57 | 58 | 51 | 51 | 53 | 50 | 41 |
| Inlet 95 V | 53 | 44 | 48 | 49 | 44 | 41 | 42 | 37 | 23 |

MORE INFORMATION



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DIMENSIONS

