

DRD H 45/4 Ex



Short description

Centrifugal roof fan, horizontal air outlet, nominal power 0.75 kW, three-phase AC, for use in potentially explosive atmospheres, medium: gas

Application examples

Industrial building, Commercial hall

Article number 0073.0538

Technical data

| | |
|------------------------------------------------------|--------------------------------------------|
| Air flow volume | 7.596 m ³ /h |
| Rotating speed | 1.460 1/min |
| Impeller type | radial |
| Speed controllable | ✓ |
| Reversing capacity | – |
| Type of voltage | Three-phase AC |
| Rated voltage | 400 V |
| Frequency | 50 Hz |
| Nominal output | 750 W |
| I _{nom} | 2 A |
| Degree of protection | IP 55 |
| Insulation class | F |
| Pole-changeable | – |
| Installation site | Roof |
| Installation position | vertical |
| Material | Sheet steel, galvanised |
| Housing material | Sheet steel, galvanised |
| Colour | grey |
| Weight | 50 kg |
| Weight including packaging | 57 kg |
| Size | 450 mm |
| Width | 910 mm |
| Height | 700 mm |
| Depth | 910 mm |
| Width with packaging | 1.020 mm |
| Height with packaging | 715 mm |
| Depth with packaging | 1.020 mm |
| EX designation in accordance with the ATEX Directive | Ex II 2 G |
| EX designation in accordance with standard | Ex db IIB+H2 T4 Gb X / Ex h IIB+H2 T4 Gb X |

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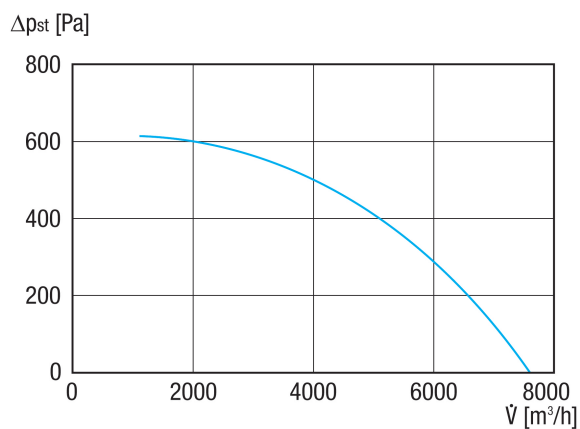
| | |
|------------------------|----------------------|
| Ta ambient temperature | -20 °C ≤ Ta ≤ +40 °C |
| Operating mode | S1 |
| PTC DIN 44082 | M 100 |
| Temperature class | T4 |
| Packing unit | 1 piece |
| Range | C |
| GTIN (EAN) | 4012799735380 |

Sound power level in octave range

| | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|----------------------------------------------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| L_{WA5, S5} (dB(A)) | 51 | 77 | 81 | 84 | 84 | 79 | 81 | 69 | 90 |

L_{WA5}= free inlet sound power level in dB.

Characteristic curve



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Dimensioned drawing [mm]

