

DRD HT 80/8 2V



Short description

Centrifugal roof fan for high temperatures, nominal power 2.6 kW/3.7 kW, three-phase AC with two speeds

Application examples

Residential building, Industrial building, Commercial building

Article number 0073.0027

Technical data

| | |
|---|----------------------------------|
| Air flow volume | 15.000 m³/h / 20.000 m³/h |
| Rotating speed | 720 1/min / 970 1/min |
| Impeller type | radial |
| Speed controllable | ✓ |
| Reversing capacity | – |
| Type of voltage | Three-phase AC |
| Rated voltage | 400 V |
| Frequency | 50 Hz |
| Nominal output | 2.600 W / 3.700 W |
| I _{nom} | 8,43 A / 9,32 A |
| Degree of protection | IP 55 |
| Insulation class | F |
| Pole-changeable | ✓ |
| Installation site | Roof |
| Installation position | vertical |
| Housing material | Aluminium/galvanised sheet steel |
| Impeller material | Sheet steel, galvanised |
| Colour | Silver |
| Weight | 145 kg |
| Weight including packaging | 157 kg |
| Size | 800 mm |
| Width | 815 mm |
| Height | 950 mm |
| Depth | 1.100 mm |
| Width with packaging | 1.150 mm |
| Height with packaging | 1.100 mm |
| Depth with packaging | 1.150 mm |
| Airstream temperature at I _{Max} | 65 °C up to 150 °C |
| PTC DIN 44082 | M 100 |

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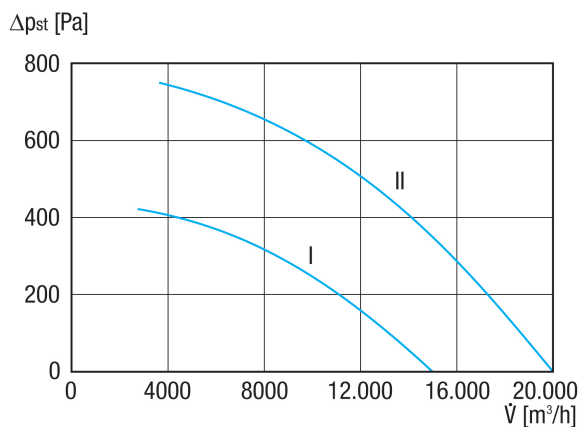
| | |
|--------------|---------------|
| Packing unit | 1 piece |
| Range | C |
| GTIN (EAN) | 4012799730279 |

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)) | 35 | 61 | 74 | 83 | 86 | 88 | 86 | 75 | 92 |

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

Characteristic curve



I Characteristic curve for speed I
 II Characteristic curve for speed II

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Dimensioned drawing [mm]

