

# DRD V 40/4 Ex



## Short description

Centrifugal roof fan, vertical air outlet, nominal power 0.55 kW, three-phase AC, for use in potentially explosive atmospheres, medium: gas

## Application examples

Industrial building, Commercial hall

Article number 0073.0548

## Technical data

|  |  |
|--|--|
| Air flow volume                                      | 5.418 m <sup>3</sup> /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                                       | 550 W                                      |
| I <sub>nom</sub>                                     | 1,5 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   | 45 kg                                      |
| Weight including packaging                           | 57 kg                                      |
| Nominal size   | 400 mm                                     |
| Width  | 980 mm                                     |
| Height   | 670 mm                                     |
| Depth  | 980 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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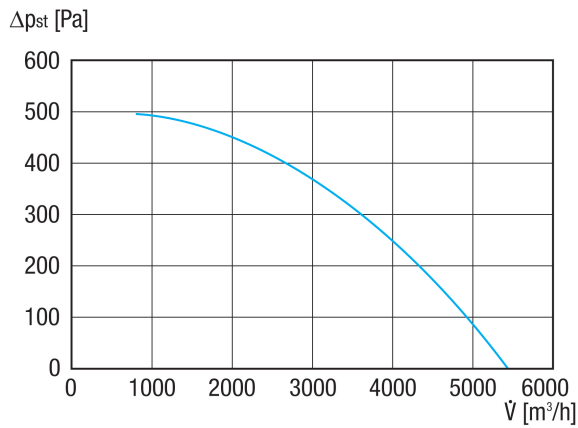
|                        |                      |
|------------------------|----------------------|
| Ta ambient temperature | -20 °C ≤ Ta ≤ +40 °C |
| Operating mode         | S1                   |
| PTC DIN 44082          | M 100                |
| Temperature class      | T4                   |
| Packing unit           | 1 piece              |
| Range                  | C                    |
| GTIN (EAN)             | 4012799735489        |

## Sound power level in octave range

|  | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|--|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| <b>L<sub>WA5, S5</sub></b><br><b>(dB(A))</b> | 46    | 74     | 76     | 77     | 77    | 74    | 76    | 66    | 84    |

L<sub>WA5</sub>= free inlet sound power level in dB.

## Characteristic curve



## Dimensioned drawing [mm]

