

DRD V 90/6 Ex



Short description

Centrifugal roof fan, vertical air outlet, nominal power 5.5 kW, three-phase AC, for use in potentially explosive atmospheres, medium: gas

Application examples

Industrial building, Commercial hall

Article number 0073.0555

Technical data

Air flow volume	29.986 m³/h
Rotating speed	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	5.500 W
I _{nom}	11,5 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	258 kg
Weight including packaging	268 kg
Size	900
Width	1.600 mm
Height	1.180 mm
Depth	1.600 mm
Width with packaging	1.700 mm
Height with packaging	1.985 mm
Depth with packaging	1.700 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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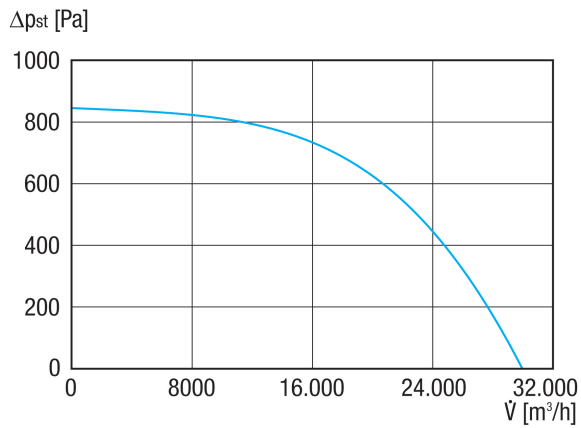
Ta ambient temperature	-20 °C ≤ Ta ≤ +60 °C
Operating mode	S1
PTC DIN 44082	M 100
Temperature class	T4
Packing unit	1 piece
Range	G
GTIN (EAN)	4012799735557

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))	70	85	90	93	90	92	84	72	98

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

Characteristic curve



Dimensioned drawing [mm]

