

DRD H 90/6 Ex



Short description

Centrifugal roof fan, horizontal 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 0073.0544

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	250 kg
Weight including packaging	260 kg
Nominal size	900 mm
Width	1.400 mm
Height	1.180 mm
Depth	1.400 mm
Width with packaging	1.440 mm
Height with packaging	1.385 mm
Depth with packaging	1.440 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

DRD H 90/6 Ex

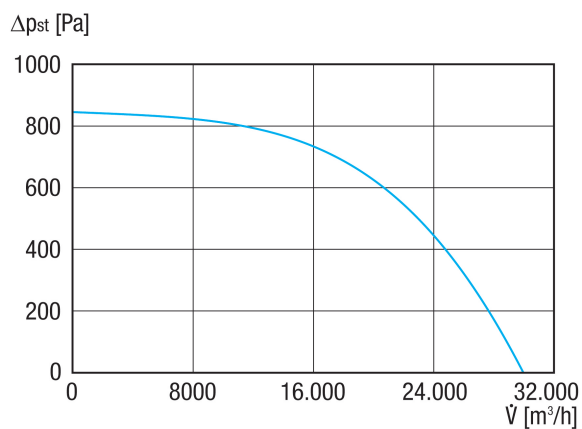
Ta ambient temperature	-20 °C ≤ Ta ≤ +40 °C
Operating mode	S1
PTC DIN 44082	M 100
Temperature class	T4
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799735441

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



DRD H 90/6 Ex

Dimensioned drawing [mm]

