

DRD 50/4



Short description

Radial roof fan, with vertical air outlet, DN 500, three-phase AC

Article number 0087.0115

Technical data

Air flow volume	12.500 m³/h
Rotating speed	1.425 1/min
Nominal output	3.800 W
I _{nom}	6,5 A
I _{max}	9,7 A
Pole-changeable	—
Installation site	Roof
Installation position	vertical
Material	Sheet steel, galvanised
Weight	132
Airstream temperature at nominal current	60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799871156

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, S1} (dB(A))	54	55	58	62	67	67	54	42	71
L _{WA5, S2} (dB(A))	56	72	72	71	72	74	73	60	80
L _{WA5, S3} (dB(A))	58	76	77	77	77	78	78	68	85
L _{WA5, S4} (dB(A))	61	83	83	82	83	83	82	80	91
L _{WA5, S5} (dB(A))	62	80	92	88	87	86	84	85	96

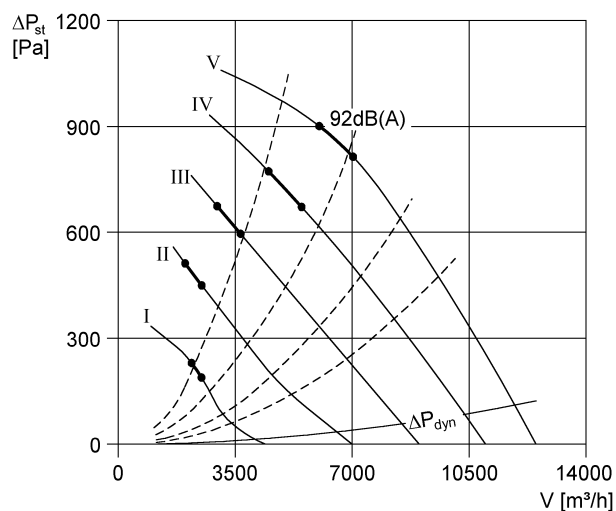
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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA8, S1}$ (dB(A))	55	55	59	66	67	64	51	38	71
$L_{WA8, S2}$ (dB(A))	59	70	73	77	76	74	72	67	82
$L_{WA8, S3}$ (dB(A))	62	76	79	84	82	79	77	71	88
$L_{WA8, S4}$ (dB(A))	65	81	86	88	87	85	83	80	94
$L_{WA8, S5}$ (dB(A))	67	83	89	92	90	87	84	80	97

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

L_{WA8} = housing and free outlet sound power level in dB.

Characteristic curve



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Dimensioned drawing [mm]

