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Short description

Centrifugal duct fan, DN 355, alternating current

Application examples

Machine extraction unit, Workplace air extraction system, Production site, Storage facility, Laboratory

Article number 0080.0870

Technical data

Air flow volume	2.200 m ³ /h
Rotating speed	1.330 1/min
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Nominal output	248 W
I _{nom}	1,1 A
I _{max}	1,12 A
Degree of protection	IP X4
Housing material	Sheet steel, powder coated
Weight	11,9 kg
Weight including packaging	13,5 kg
Nominal size	355 mm
Width with packaging	525 mm
Height with packaging	445 mm
Depth with packaging	520 mm
Airstream temperature at I _{Max}	-20 °C up to 40 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799808701

Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2, S1} (dB(A))	29	45	38	36	38	40	24	16	49
L_{WA2, Level} 2 (dB(A))	34	50	45	45	46	50	46	26	56

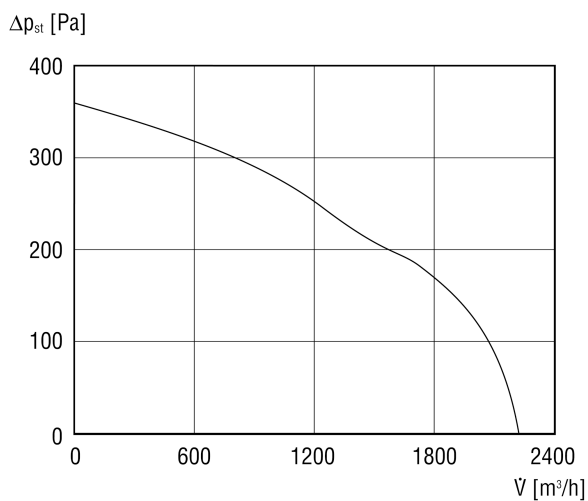
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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, Level 3 (dB(A))	35	53	51	55	59	57	56	47	65
L_{WA2}, Level 4 (dB(A))	35	49	52	58	61	61	58	54	68
L_{WA2}, Level 5 (dB(A))	38	47	54	61	62	64	61	56	70
L_{WA5}, S1 (dB(A))	27	40	43	45	68	55	41	29	69
L_{WA5}, S2 (dB(A))	38	44	53	55	60	76	68	46	78
L_{WA5}, S3 (dB(A))	42	48	62	67	69	68	77	64	80
L_{WA5}, S4 (dB(A))	44	50	64	71	74	71	76	71	81
L_{WA5}, S5 (dB(A))	48	52	65	72	76	73	77	75	83
L_{WA6}, S1 (dB(A))	27	45	44	45	54	55	38	30	59
L_{WA6}, S2 (dB(A))	31	46	56	54	58	68	64	44	71
L_{WA6}, S3 (dB(A))	41	50	62	63	67	69	74	67	78
L_{WA6}, S4 (dB(A))	46	53	65	67	73	73	74	73	81
L_{WA6}, S5 (dB(A))	47	55	66	70	73	76	73	73	82

L_{WA2}= housing sound power level in dB.
 L_{WA5}= free inlet sound power level in dB.
 L_{WA6}= free outlet sound power level in dB.

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Characteristic curve



Dimensioned drawing [mm]

