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Short description

Centrifugal duct fan, DN 315, alternating current

Application examples

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

Article number 0080.0279

Technical data

Air flow volume	1.700 m³/h
Rotating speed	2.630 1/min
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Nominal output	280 W
I _{nom}	1,2 A
I _{max}	1,4 A
Degree of protection	IP X4
Housing material	Sheet steel, powder coated
Weight	6,9 kg
Weight including packaging	7,98 kg
Nominal size	315 mm
Width with packaging	470 mm
Height with packaging	360 mm
Depth with packaging	470 mm
Airstream temperature at nominal current	40 °C
Airstream temperature at I _{Max}	-20 °C up to 60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799802792

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))	26	42	35	33	35	37	21	13	45
L _{WA2, S2} (dB(A))	31	47	42	42	43	47	43	23	52

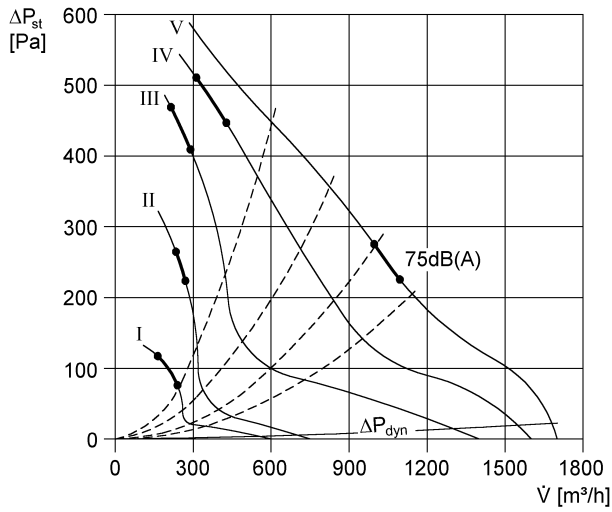
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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, S3 (dB(A))	32	50	48	52	56	54	53	44	61
L_{WA2}, S4 (dB(A))	32	46	49	55	58	58	55	51	64
L_{WA2}, S5 (dB(A))	35	44	51	58	59	61	58	53	66
L_{WA5}, S1 (dB(A))	24	37	40	42	65	52	38	26	65
L_{WA5}, S2 (dB(A))	35	41	50	52	57	73	65	43	74
L_{WA5}, S3 (dB(A))	39	45	59	64	66	65	74	61	76
L_{WA5}, S4 (dB(A))	41	47	61	68	71	68	73	68	77
L_{WA5}, S5 (dB(A))	45	49	62	69	73	70	74	72	79
L_{WA6}, S1 (dB(A))	24	42	41	42	51	52	35	27	55
L_{WA6}, S2 (dB(A))	28	43	53	51	55	65	61	41	67
L_{WA6}, S3 (dB(A))	38	47	59	60	64	66	71	64	74
L_{WA6}, S4 (dB(A))	43	50	62	64	70	70	71	70	77
L_{WA6}, S5 (dB(A))	44	52	63	67	70	73	70	70	78

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]

