

# ERR 35/1 S



## 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 0080.0871

## Technical data

Air flow volume	2.350 m <sup>3</sup> /h
Rotating speed	2.350 1/min
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Nominal output	630 W
I <sub>nom</sub>	2,8 A
I <sub>max</sub>	2,82 A
Degree of protection	IP X4
Housing material	Sheet steel, powder coated
Weight	13 kg
Weight including packaging	14,525 kg
Nominal size	355 mm
Width with packaging	515 mm
Height with packaging	440 mm
Depth with packaging	515 mm
Airstream temperature at I <sub>Max</sub>	-20 °C up to 40 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799808718

## Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L <sub>WA2, S1</sub> (dB(A))	32	48	41	39	41	43	27	19	52
L <sub>WA2, S2</sub> (dB(A))	37	53	48	48	49	53	49	29	59

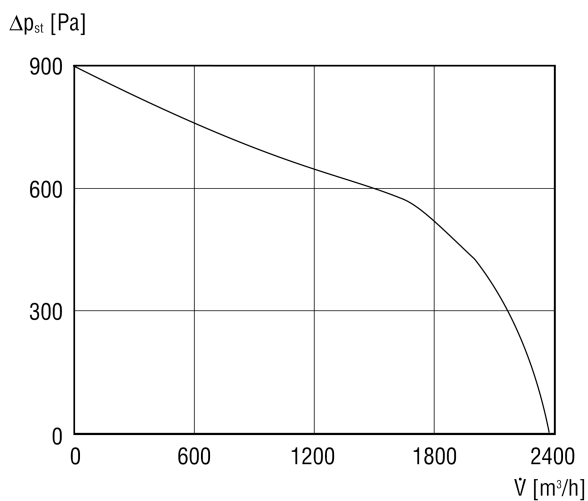
# ERR 35/1 S

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA2</sub>, S3</b> <b>(dB(A))</b>	38	56	54	58	62	60	59	50	68
<b>L<sub>WA2</sub>, S4</b> <b>(dB(A))</b>	38	52	55	61	64	64	61	57	71
<b>L<sub>WA2</sub>, S5</b> <b>(dB(A))</b>	41	50	57	64	65	67	64	59	73
<b>L<sub>WA5</sub>, S1</b> <b>(dB(A))</b>	30	43	46	48	71	58	44	32	72
<b>L<sub>WA5</sub>, S2</b> <b>(dB(A))</b>	41	47	56	58	63	79	71	49	81
<b>L<sub>WA5</sub>, S3</b> <b>(dB(A))</b>	45	51	65	70	72	71	80	67	83
<b>L<sub>WA5</sub>, S4</b> <b>(dB(A))</b>	47	53	67	74	77	74	79	74	84
<b>L<sub>WA5</sub>, S5</b> <b>(dB(A))</b>	51	55	68	75	79	76	80	78	86
<b>L<sub>WA6</sub>, S1</b> <b>(dB(A))</b>	30	48	47	48	57	58	41	33	62
<b>L<sub>WA6</sub>, S2</b> <b>(dB(A))</b>	34	49	59	57	61	71	67	47	74
<b>L<sub>WA6</sub>, S3</b> <b>(dB(A))</b>	44	53	65	66	70	72	77	70	81
<b>L<sub>WA6</sub>, S4</b> <b>(dB(A))</b>	49	56	68	70	76	76	77	76	84
<b>L<sub>WA6</sub>, S5</b> <b>(dB(A))</b>	50	58	69	73	76	79	76	76	85

L<sub>WA2</sub>= housing sound power level in dB.  
 L<sub>WA5</sub>= free inlet sound power level in dB.  
 L<sub>WA6</sub>= free outlet sound power level in dB.

# ERR 35/1 S

## Characteristic curve



## Dimensioned drawing [mm]

