

DSQ 50/6 K



Short description

Sound-insulated radial fan for high temperatures, three-phase AC, DN 500

Application examples

High temperatures of up to 180°C, Workplace air extraction system, Machine extraction unit

Article number 0080.0081

Technical data

Air flow volume	4.300 m ³ /h
Speed controllable	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	370 W
P _{Max}	370 W
I _{nom}	1,2 A
I _{max}	1,2 A
Degree of protection	IP 55
Insulation class	F
Mains cable	5 x 1,5 mm ²
Installation position	vertical / horizontal
Housing material	Sheet steel, galvanised
Weight	85,5 kg
Weight including packaging	85,93 kg
Swivelling fan	–
Nominal size	500 mm
Width	750 mm
Height	900 mm
Depth	805 mm
Width with packaging	757 mm
Height with packaging	902 mm
Depth with packaging	867 mm
Airstream temperature at nominal current	180 °C
Airstream temperature at I _{Max}	180 °C
Sound pressure level	46 dB(A) (Distance 3 m, Free-field conditions)
Packing unit	1 piece
Range	C

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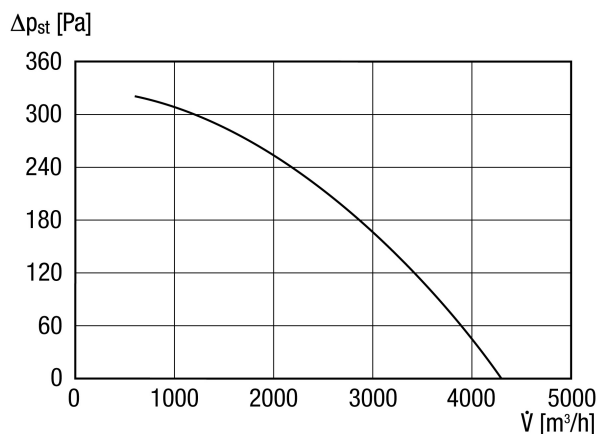
GTIN (EAN)	4012799800811
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Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, high (dB(A))	–	52	54	46	45	39	40	36	58
L_{WA5}, high (dB(A))	–	59	65	63	63	60	58	53	70
L_{WA6}, high (dB(A))	–	59	69	71	63	63	66	63	75

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.

Characteristic curve



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Dimensioned drawing [mm]

