

DSQ 50/4 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 0080.0080

Technical data

Air flow volume	6.900 m³/h
Speed controllable	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	1.100 W
P _{Max}	1.100 W
I _{nom}	2,8 A
I _{max}	2,8 A
Degree of protection	IP 55
Insulation class	F
Mains cable	5 x 1,5 mm²
Installation position	vertical / horizontal
Housing material	Sheet steel, galvanised
Weight	89,5 kg
Weight including packaging	89,93 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	58 dB(A) (Distance 3 m, Free-field conditions)
Packing unit	1 piece
Range	C

DSQ 50/4 K

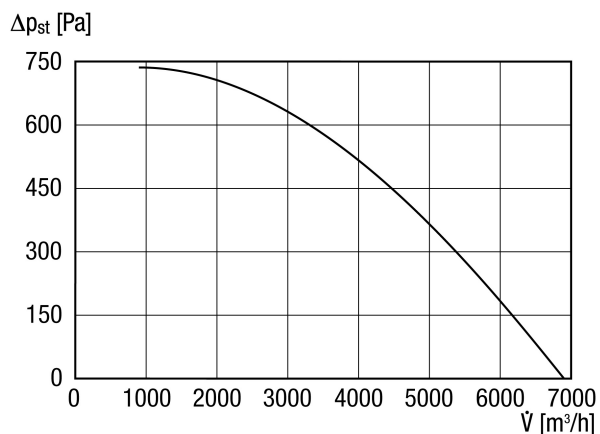
GTIN (EAN)	4012799800804
------------	---------------

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))	–	57	60	56	60	49	46	41	67
L_{WA5}, high (dB(A))	–	65	72	76	80	72	61	55	81
L_{WA6}, high (dB(A))	–	66	74	76	81	72	61	55	86

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



DSQ 50/4 K

Dimensioned drawing [mm]

