

DSQ 45/4 K



Short description

Sound-insulated radial fan for high temperatures, three-phase AC, DN 450

Application examples

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

Article number 0080.0078

Technical data

Air flow volume	5.000 m³/h
Speed controllable	✓
Rated voltage	400 V
Frequency	50 Hz
Nominal output	750 W
P _{Max}	750 W
I _{nom}	2,2 A
I _{max}	2,2 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	87 kg
Weight including packaging	87,58 kg
Swivelling fan	–
Nominal size	450 mm
Width	750 mm
Height	900 mm
Depth	805 mm
Width with packaging	752 mm
Height with packaging	912 mm
Depth with packaging	852 mm
Airstream temperature at nominal current	180 °C
Airstream temperature at I _{Max}	180 °C
Sound pressure level	52 dB(A) (Distance 3 m, Free-field conditions)
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799800781

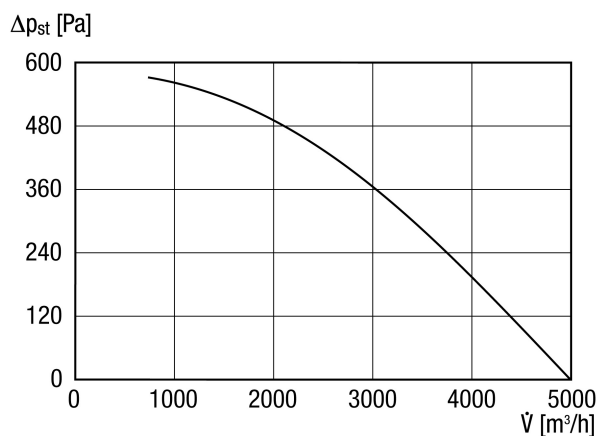
DSQ 45/4 K

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} (dB(A))	–	57	60	55	59	48	47	42	65
L_{WA5} (dB(A))	–	64	70	72	76	69	65	60	79
L_{WA6, high} (dB(A))	–	64	72	74	81	75	74	71	84

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 45/4 K

Dimensioned drawing [mm]

