

DSK 50/4



Short description

Sound-insulated centrifugal channel fan, three-phase AC, channel dimension 800 mm x 500 mm

Application examples

Commercial premises, Workplace, Showroom, Production facility, Industrial building

Article number 0086.0647

Technical data

Air flow volume	8.230 m ³ /h
Rotating speed	1.395 1/min
Speed controllable	✓
Rated voltage	400 V
Frequency	50 Hz
Nominal output	1.800 W
I _{max}	3,9 A
Degree of protection	IP 44
Insulation class	F
Mains cable	5 x 1,5 mm ²
Installation site	Channel
Installation position	vertical / horizontal
Housing material	Sheet steel, galvanised
Weight	81 kg
Weight including packaging	81 kg
Swivellable	✓
Swivelling fan	✓
Channel dimension	800 mm x 500 mm
Width	882 mm
Height	520 mm
Depth	880 mm
Width with packaging	900 mm
Height with packaging	670 mm
Depth with packaging	880 mm
Airstream temperature at I _{Max}	-20 °C up to 55 °C
Packing unit	1 piece
Range	D
GTIN (EAN)	4012799866473

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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}, S5 (dB(A))	43	55	54	58	53	52	45	37	59
L_{WA5}, S5 (dB(A))	–	70	76	70	65	63	62	57	79
L_{WA5}, S4 (dB(A))	–	74	71	67	63	61	61	54	77
L_{WA5}, S3 (dB(A))	–	79	63	63	60	58	58	49	80
L_{WA5}, S2 (dB(A))	–	63	56	58	53	55	52	40	66
L_{WA5}, S1 (dB(A))	–	49	46	43	45	45	32	22	53
L_{WA6}, S5 (dB(A))	–	74	84	81	80	74	73	67	88
L_{WA6}, S4 (dB(A))	–	77	79	79	78	72	71	65	85
L_{WA6}, S3 (dB(A))	–	76	75	75	75	69	69	59	82
L_{WA6}, S2 (dB(A))	–	65	69	68	68	65	63	51	74
L_{WA6}, S1 (dB(A))	–	51	65	55	56	55	42	30	79

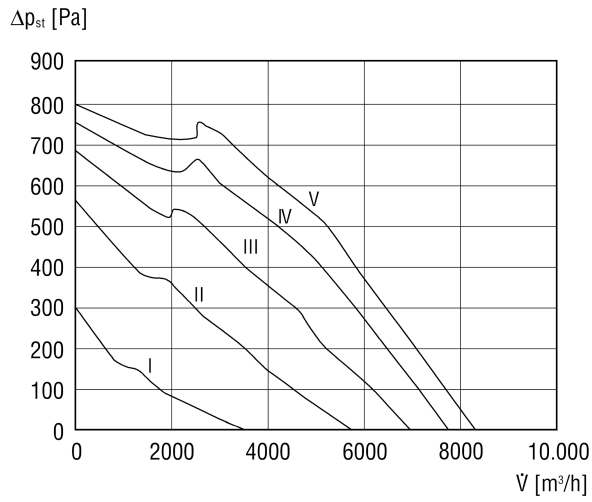
L_{WA2}= housing sound power level in dB.

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]

