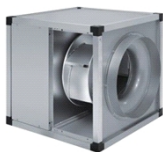




## KABB/KABT

5148518400 - KABB/4-4000/355 0,55KW 230V50HZ VE - ACOUSTIC CABINET FANS



Cabinet fans manufactured from galvanised steel sheet with double thickness side panels internally lined with 25 mm thickness of fireproof fibreglass acoustic insulation (M0). Circular duct connection flange on the inlet. KABT incorporates direct drive backward curved centrifugal impeller with motor fitted outside of the air stream, suitable for air stream temperature up to 100°C. Three phase motor IP55, F. Motors 4 pole. Electrical supply: 1-230V-50Hz speedcontrollable by inverter. Working temperature from -20°C to 100°C. Trade S&P model KABB/4-4000/355 0,55KW 230V50HZ VE for a airflow 2.461 m<sup>3</sup>/h and static pressure 291 Pa.

### Theoretical Working Point

Airflow	2.500 m <sup>3</sup> /h
Static Pressure	300 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m <sup>3</sup>
Frequency	50 Hz

### Working Point

Airflow	2.461 m <sup>3</sup> /h
Static Pressure	291 Pa
Dynamic pressure	31,9 Pa
Total Pressure	323 Pa
Input power	0,478 kW
Outlet speed	7,3 m/s
Fan speed	1357 rpm
Specific Fan Power	0,70 W/l/s
Specific Fan Power reg	0,70 W/l/s

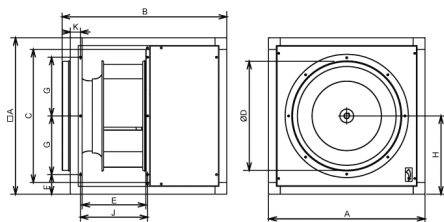
### Construction

Discharge diameter	355 mm
Fan size	4000
Weight	35,00 kg

### Motor Characteristics

Number of poles	4
Voltage	1-230V-50Hz
Maximum absorbed current	2,0 A
IP Rating	IP55
Motor insulation class	F

### Drawing

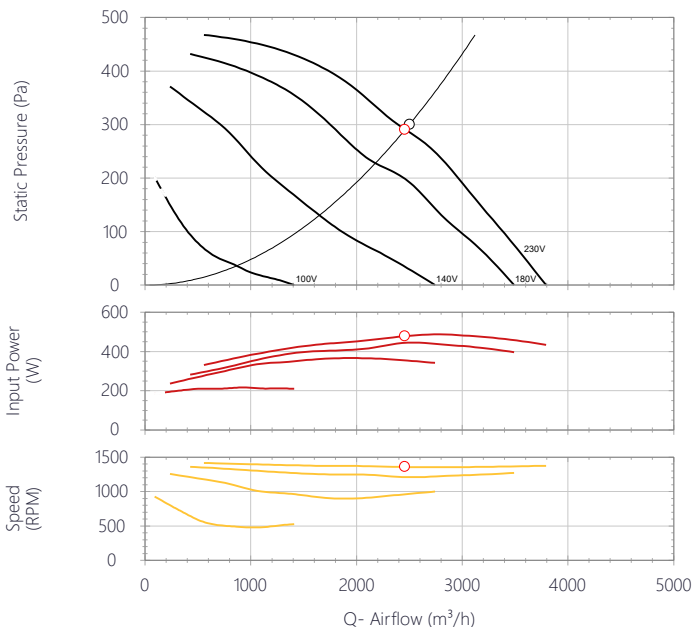


A	B	C	D	E	F	G	H	J
550	592	450	355	230	100	175	275	248

K

40.5

### Performance Chart



### Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	43	66	65	66	68	65	60	56	74
Inlet LpA @ 1,5m	29	52	51	52	54	51	46	42	59
Outlet (LwA)	44	74	68	71	71	69	64	59	78
Outlet LpA @ 1,5m	29	59	53	56	56	54	49	44	64
Breakout (LwA)	40	60	55	55	60	55	52	48	65
Breakout LpA @ 1,5m	25	45	41	41	46	41	38	34	51



# KABB/KABT

5148518400 - KABB/4-4000/355 0,55KW 230V50HZ VE - ACOUSTIC CABINET FANS

## Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	43	66	65	66	68	65	60	56	74
Inlet LpA @ 1,5m	29	52	51	52	54	51	46	42	59
Outlet (LwA)	44	74	68	71	71	69	64	59	78
Outlet LpA @ 1,5m	29	59	53	56	56	54	49	44	64
Breakout (LwA)	40	60	55	55	60	55	52	48	65
Breakout LpA @ 1,5m	25	45	41	41	46	41	38	34	51





# KABB/KABT

5148518400 - KABB/4-4000/355 0,55KW 230V50HZ VE - ACOUSTIC CABINET FANS

## ErP Data

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
Product description	KABB/4-4000/355 0,55KW 230V50HZ VE
Manufacturer's Info	S&P
Identifier	-
Typology	NRVU unidirectional
Drive	VSD
Type of HRC	None
Thermal efficiency (%)	NA
Qnom (m3/s)	0,5
Pelec (kW)	0,45
SFPint (W/m3/s)	NA
Face velocity (m/s)	3,75
Δps,ext (Pa)	392,8
Δps,int (Pa)	NA
Δps,add (Pa)	NA
Static efficiency fans (%)	41,3
External leakage rate (%)	3
Internal leakage rate (%)	NA
Filter performance	NA
Filter warning	NA
LWA dB(A)	64
<a href="https://www.solerpalau.com/">https://www.solerpalau.com/</a>	

## Warnings

This dimensional drawing may not match with the selected product, especially in the discharge orientation

The absorbed current may vary slightly depending on the motor installed