

# KSB 160 K2



Inline centrifugal fans in heat- and sound-insulated casing

- Maximum airflow: 500
- Sound pressure level LpA at 3 m: 38
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Aluzinc
- Installation in any position

	Unit of measurement	KSB 160 K2
Connected air duct size	mm	160
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	86
Unit current	A	0.38
Maximum airflow	m <sup>3</sup> /h	500
rotation speed at 50hz	-	2670
Sound pressure level LpA at 3 m	dB(A)	38
Weight	kg	17
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	51.7
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	24.6
SEC Class Average	-	C

Warm - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	9.1
SEC Class Warm	-	F
Unit category	-	RVU
Type of ventilation unit	-	Unidirectional
Type of drive installed	-	Variable speed
Type of heat recovery system	-	None
Maximum flow rate	m <sup>3</sup> /h	430
Electric power input	W	82
Reference flow rate	m <sup>3</sup> /s	0.084
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.278
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	147
Average - The annual electricity consumption (AEC)	kWh/a	147
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	147
Cold - The annual heating saved (AHS)	kWh/a	5536
The annual heating saved (AHS) Average	kWh/a	2830
The annual heating saved (AHS) Warm	kWh/a	1280
Declared typology	-	RVU UVU
Sound power level	dB(A)	58

## Dimensions

ØD	B	B1	H	L	L1	L2
159	470	278	282	566	586	493

