

# KSB 160



Inline centrifugal fans in heat- and sound-insulated casing

- Maximum airflow: 420
- Sound pressure level LpA at 3 m: 36
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

	Unit of measurement	KSB 160
Connected air duct size	mm	160
Speed	-	1
Minimum supply voltage	V	220
Maximum supply voltage	V	240
Power supply frequency	Hz	50/60
Rated power	W	75
Unit current	A	0.33
Maximum airflow	m <sup>3</sup> /h	420
Sound pressure level LpA at 3 m	dB(A)	36
Weight	kg	6.4
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m <sup>3</sup> /a)	52.5
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m <sup>3</sup> /a)	25.4
SEC Class Average	-	C
Warm - Specific energy consumption (SEC)	kWh/(m <sup>3</sup> /a)	9.9
SEC Class Warm	-	F
Unit category	-	RVU

Type of ventilation unit	-	Unidirectional
Type of drive installed	-	Multi-speed
Type of heat recovery system	-	None
Maximum flow rate	m <sup>3</sup> /h	380
Electric power input	W	75
Reference flow rate	m <sup>3</sup> /s	0.074
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.155
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	116
Average - The annual electricity consumption (AEC)	kWh/a	116
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	116
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)	36

## Dimensions

∅D	B	B1	H	L	L1	L2
159	352	310	212	477	410	380

