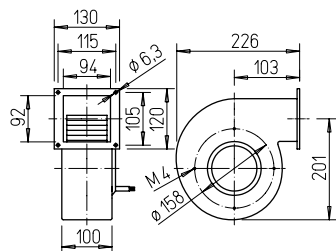


B KLG 500



All dimensions in mm



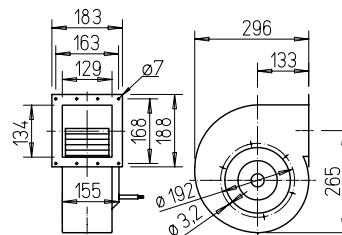
Centrifugal cooling air fan

with separately fitted thermal contact and inlet-side protection grille for smoke exhaust fans F600 for motor ventilation.

Technical data

B KLG 500	Ref. no. 02798
Protection category	IP44
Voltage	230 V
Frequency	50 Hz
Current	0.7 A
Output	160 W
Max. ambient temperature	40 °C
Speed	2400 1/min
Volume flow	500 m³/h

B KLG 1000



All dimensions in mm



Centrifugal cooling air fan

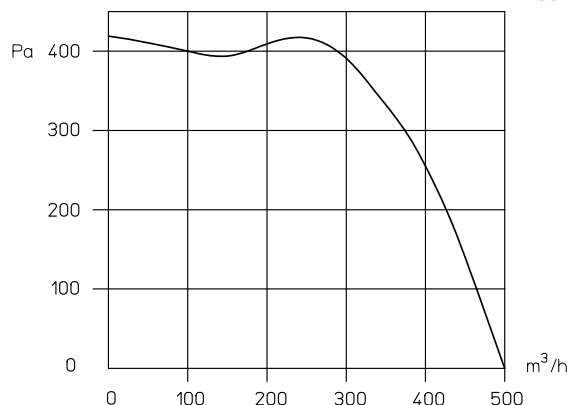
for smoke exhaust fans and inlet-side protection grille F600 for motor ventilation.

Technical data

B KLG 1000	Ref. no. 02799
Protection category	IP44
Voltage	400 V
Frequency	50 Hz
Current	0,39 A
Output	175 W
Max. ambient temperature	40 °C
Speed	1330 1/min
Volume flow	1030 m³/h

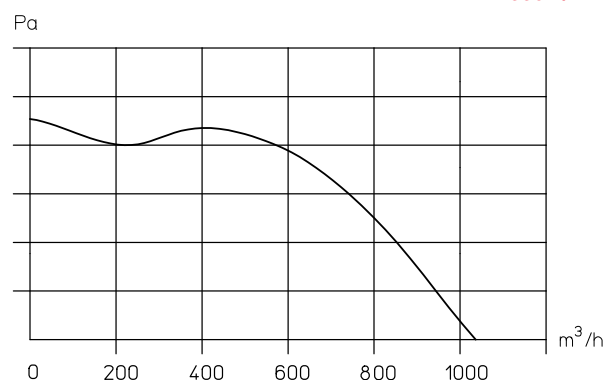
Performance curves B KLG 500

n=2400 1/min



Performance curves B KLG 1000

n=1330 1/min



■ Selection table – Cooling air volume for B VAR..

Type	Fan	Cool. air vol. required, V [m³/h]	Quant.	B VAR casing	
B VAR	B KLG		Pc	[Pa] ¹⁾	Δp _{ex} [Pa] ²⁾
500	500	250	1	95	314
560	500	340	1	175	187
630	1000	445	1	80	129
710	1000	565	1	125	73
800	500	700	2	190	160
900	1000	850	2	70	140
1000	1000	1000	2	100	106
1120	–	–	–	–	–
1250	–	–	–	–	–

Cooling air temp. max. 40 °C

¹⁾ Resistance in fan/cooling system

²⁾ Available pressure at cooling air fan outlet

■ Selection table – Cooling air volume for B AVD..

Type	Fan	Cool. air vol. required, V [m³/h]	Quant.	B AVD casing	
B AVD	B KLG		Pc	[Pa] ¹⁾	Δp _{ex} [Pa] ²⁾
500	500	250	1	95	314
560	500	280	1	115	290
630	500	315	1	150	235
710	500	355	1	190	155
800	500	400	1	65	207
900	1000	450	1	80	129
1000	1000	500	1	100	106
1120	1000	875	2	75	135
1250	1000	1250	2	155	31

Cooling air temp. max. 40 °C

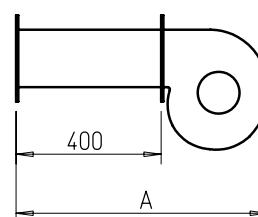
¹⁾ Resistance in fan/cooling system

²⁾ Available pressure at cooling air fan outlet

■ Selection table – Cooling air fan B KLG.. for B VAR and B AVD

Type	Ø F600	B AVD dim. A	B VAR dim. A
B KLG 500	500	626	626
	560	626	626
	630	626	696
	710	626	696
	800	626	696
B KLG 1000	900	696	696
	1000	696	696
	1120	696	–
	1250	696	–

B KLG..



All dimensions in mm

Assignment, see adjacent table.