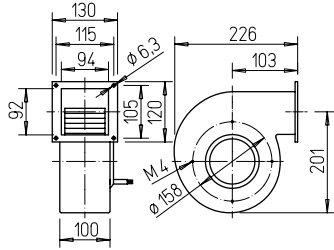


**B KLG 500**

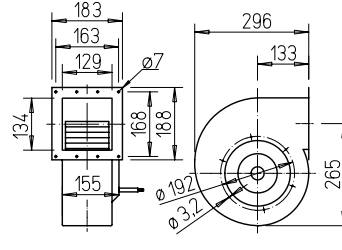


All dimensions in mm

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>B KLG 500</b>	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 m <sup>3</sup> /h

**B KLG 1000**

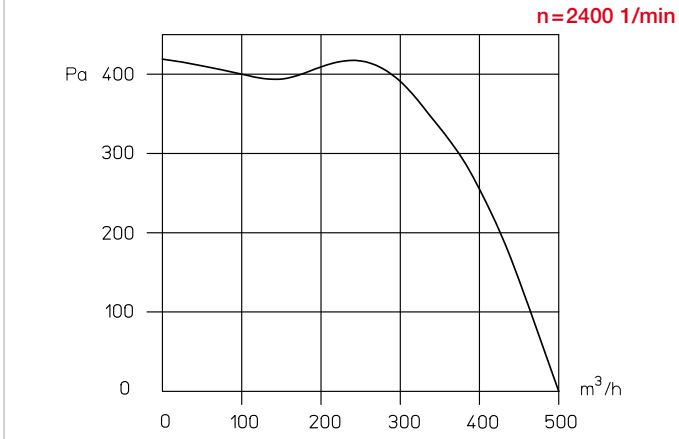


All dimensions in mm

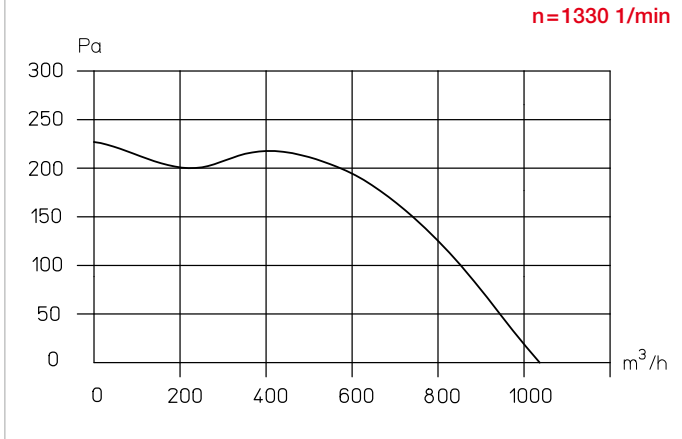
Centrifugal cooling air fan for smoke exhaust fans and inlet-side protection grille F600 for motor ventilation.

Technical data	
<b>B KLG 1000</b>	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 m <sup>3</sup> /h

**Performance curves B KLG 500**



**Performance curves B KLG 1000**



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

Type	Fan	Cool. air vol. required, V [m <sup>3</sup> /h]	Quant.	B VAR casing [Pa] <sup>1)</sup>	still available Dpex [Pa] <sup>2)</sup>
<b>B VAR</b>	<b>B KLG</b>		Pc		
<b>500</b>	500	250	1	95	314
<b>560</b>	500	340	1	175	187
<b>630</b>	1000	445	1	80	129
<b>710</b>	1000	565	1	125	73
<b>800</b>	500	700	2	190	160
<b>900</b>	1000	850	2	70	140
<b>1000</b>	1000	1000	2	100	106
<b>1120</b>	–	–	–	–	–
<b>1250</b>	–	–	–	–	–

Cooling air temp. max. 40 °C

<sup>1)</sup> Resistance in fan/cooling system

<sup>2)</sup> Available pressure at cooling air fan outlet

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

Type	Fan	Cool. air vol. required, V [m <sup>3</sup> /h]	Quant.	B AVD casing [Pa] <sup>1)</sup>	still available Dpex [Pa] <sup>2)</sup>
<b>B AVD</b>	<b>B KLG</b>		Pc		
<b>500</b>	500	250	1	95	314
<b>560</b>	500	280	1	115	290
<b>630</b>	500	315	1	150	235
<b>710</b>	500	355	1	190	155
<b>800</b>	500	400	1	65	207
<b>900</b>	1000	450	1	80	129
<b>1000</b>	1000	500	1	100	106
<b>1120</b>	1000	875	2	75	135
<b>1250</b>	1000	1250	2	155	31

Cooling air temp. max. 40 °C

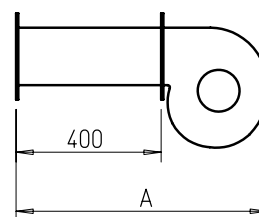
<sup>1)</sup> Resistance in fan/cooling system

<sup>2)</sup> 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 AVD dim. A
<b>B KLG 500</b>	<b>500</b>	626	626
	<b>560</b>	626	626
	<b>630</b>	626	696
	<b>710</b>	626	696
	<b>800</b>	626	696
<b>B KLG 1000</b>	<b>900</b>	696	696
	<b>1000</b>	696	696
	<b>1120</b>	696	–
	<b>1250</b>	696	–

**B KLG..**



All dimensions in mm

Assignment, see adjacent table.