

Radial blowers with EC external-rotor motor

G1G144 – 24 VDC



material

- housing: aluminium
- impeller: plastic PA 6
- cover: plastic PP30TV

interface

- see page 86, interface no. 3

premix

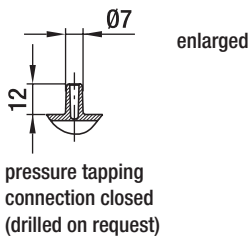
- If gas needs to be premixed in the blower, then a special blower will have to be used. For further details, please contact us.

ebm-papst • Mulmungen

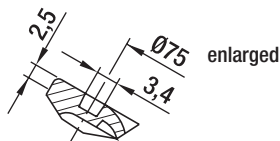
Nominal data	voltage	voltage range	air volume	power input	speed	current draw	perm. temp. of medium ⁽¹⁾	perm. amb. motor temp.	mass	dimensions mm
type	VDC	VDC	m³/h	W	min ⁻¹	A	°C	°C	kg	a
G1G 144 -AE13 -50	24	16-28	175	51	4300	2,50	80	70	1,5	111,5±1,5
G1G 144 -AE13 -70 ⁽²⁾	24	16-28	175	51	4300	2,50	80	70	1,5	118,5±1,5

⁽¹⁾with shortterm operation < 10 h, permanent temperature 50 °C; ⁽²⁾de-couplet design; subject to alterations

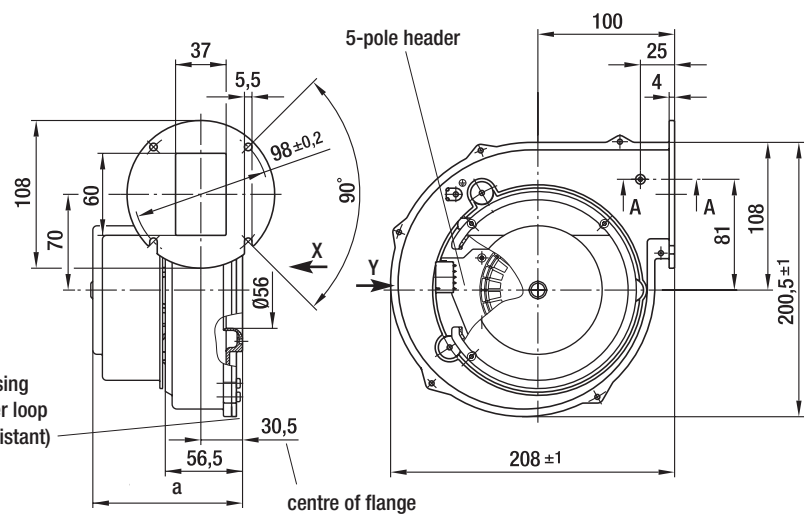
section A-A



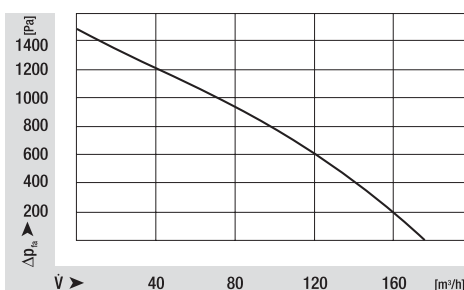
section B-B



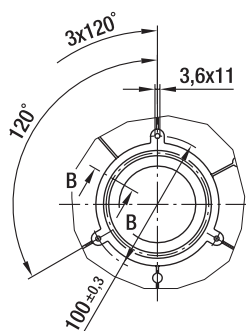
sideplates of housing
sealed with rubber loop
(NBR pentane-resistant)



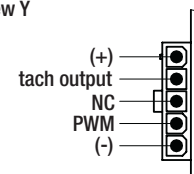
Characteristic curves



view X



view Y



control

5-pole header
mating connector
(not part of delivery):
Molex no. 39-01-4050
female terminal:
Molex no. 39-00-0059