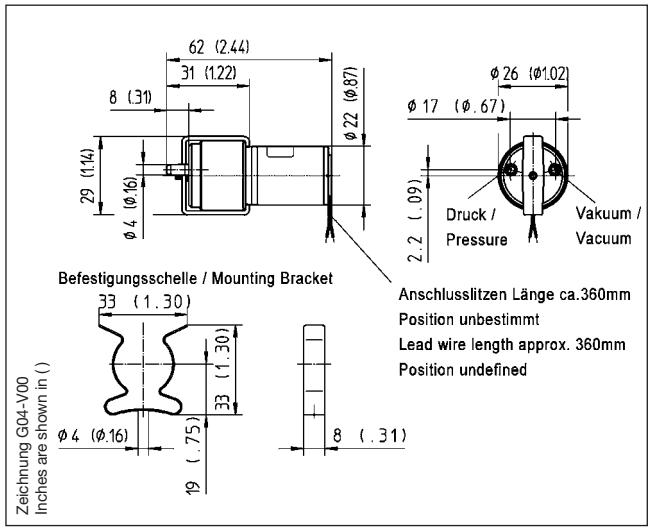
Rotary Vane Pump G 04-4 EB

THOMAS
A Gardner Denver Product

Flow	**5,1 l/min**
Max. pressure	**240 mbar**
Max. vacuum	**-260 mbar**

OIL-LESS



Pneumatic Data

Description	G 3/04-4 EB	G 6/04-4 EB	G 12/04-4 EB
Part number	50082	50101	50100
Max. flow	3,8 l/min	4,0 l/min	5,1 l/min
Max. intermittent pressure	210 mbar	200 mbar	240 mbar
Max. continuous pressure	50 mbar	50 mbar	50 mbar
Max. intermittent vacuum	-220 mbar	-210 mbar	-260 mbar
Max. continuous vacuum	-50 mbar	-50 mbar	-50 mbar

Electrical Data

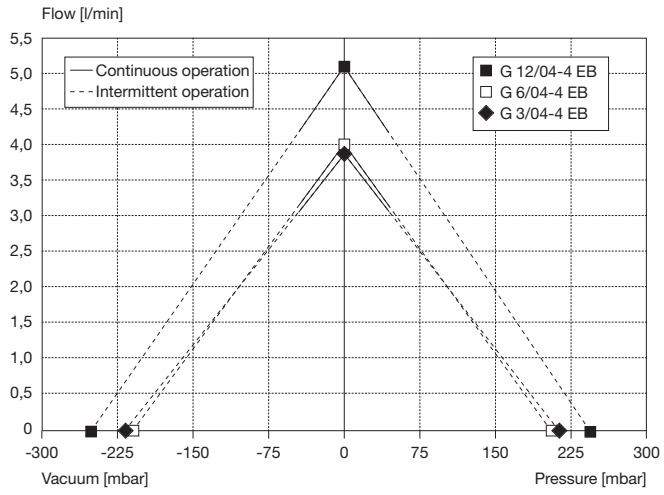
Motor type	Permanent magnet	Permanent magnet	Permanent magnet
Nominal voltage*	3 V DC	6 V DC	12 V DC
Min. current consumption	0,52 A	0,30 A	0,29 A
Max. current consumption	1,53 A	0,85 A	0,70 A
Protection class	IP50	IP50	IP50
Motor bearing	Ball bearing	Ball bearing/Sleeve bearing	Ball bearing

General Data

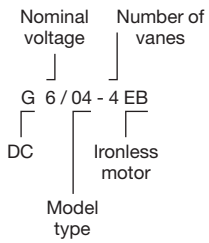
Ambient temperature	-30 to 50 °C	-30 to 50 °C	-30 to 50 °C
Weight	0,1 kg	0,1 kg	0,1 kg
Direction of rotation	cw/ccw	cw/ccw	cw/ccw

Pumps include mounting bracket.
* Please contact Thomas if speed control via Pulse-Width-Modulation is required.
All listed values are measured at standard atmospheric conditions.

Flow Curves



Model key:



50... Stock programme

Current consumption:
Min.: at open flow
Max.: at max. intermittent vacuum

The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of Thomas products. It is the responsibility of the user to determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith. Thomas does not warrant, guarantee or assume any obligation or liability in connection with this information.

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