Direct drive gear pump-motor units DGD series

The DGD direct drive gear pumps have a housing is Vectra and a variety of elastomers for the widest chemical compatibility.
Built to handle clean water and relatively viscous fluids at low pressure, the DGD series pump-motor unit has low pulsation and is capable of handling fluids at a maximum temperature of 70 °C (158 F). The extreme compactness of its design makes it the preferred choice where space is limited. Suction/discharge ports are 8 mm barbed end or with a 6 mm quick connector.

Motor version (brush type):
- 1500 rpm, 24 V DC
- 3400 rpm, 24 V DC
- 3900 rpm, 24 V DC



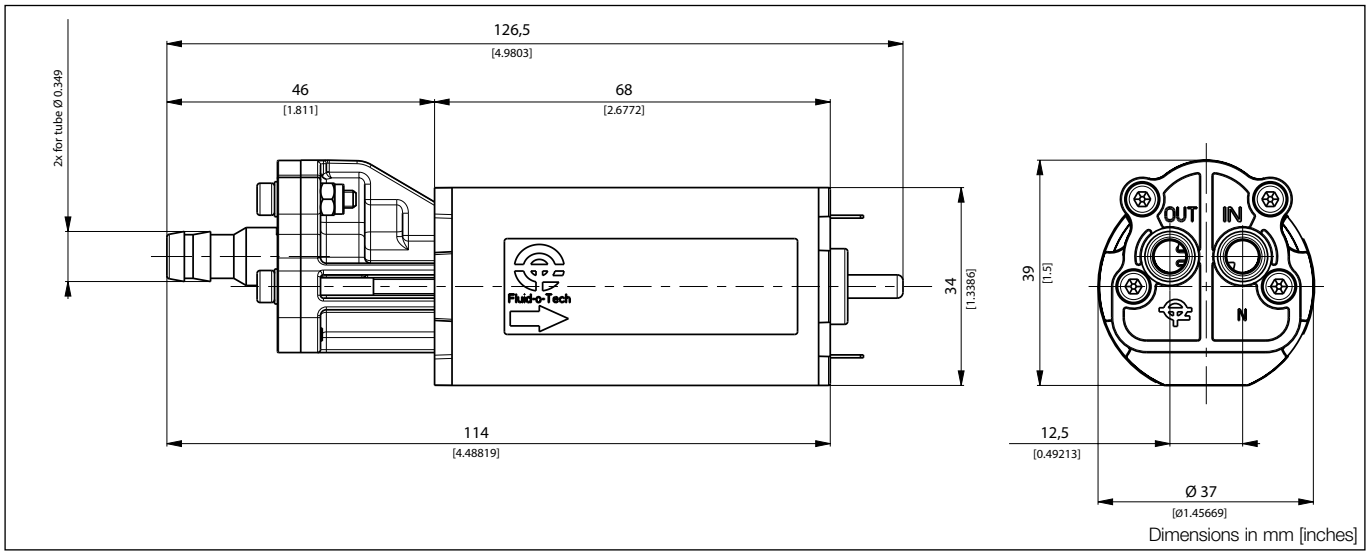
MAIN APPLICATIONS

- Water purification
- Spraying
- Condensation removal
- Syrup dispensing
- Vending machines
- Food processing
- Digital macro printing
- Sanitization

MODEL NUMBER MATRIX

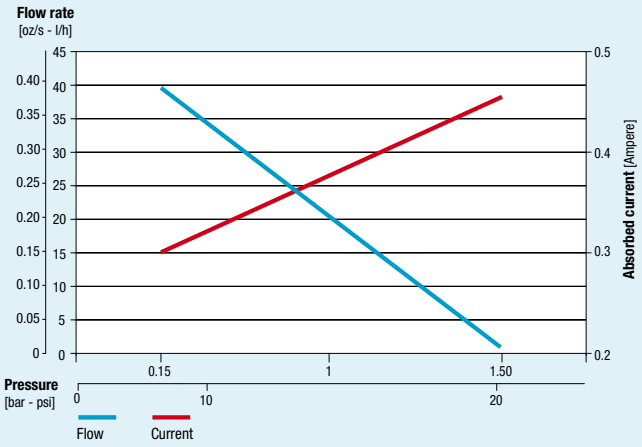
Position	1	2	3	4	5	Customiz.
Code	DGD	09	N	AA	A01	0000

POS	DESCRIPTION	CODE
1	Pump series	**DGD** = direct drive
2	Gears width	**04** = 4 mm **09** = 9 mm
3	Elastomer material	**N** = NBR **V** = VITON® **E** = EPDM
4	Front and rear housing	**AA** = Fitting for Ø8 pipe (VECTRA + VECTRA) **BA** = Fitting for Ø8 pipe (VECTRA + AISI 316L)
5	Motor speed	**A01** = 1500 rpm **A02** = 3400 rpm **A03** = 3900 rpm

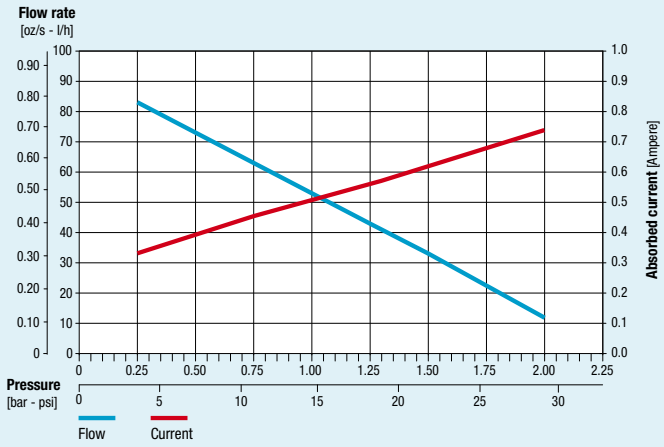


Dimensions in mm [inches]

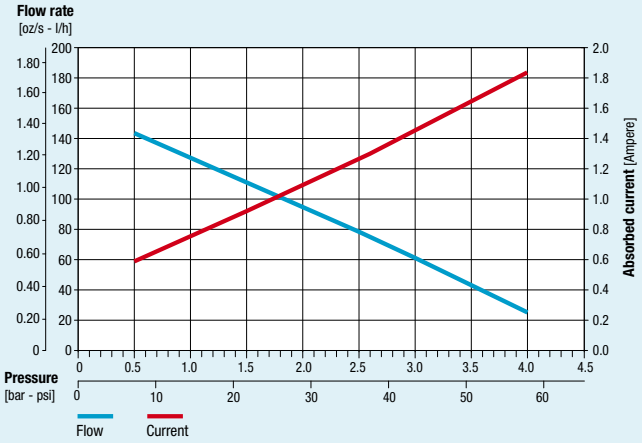
DGD04 @ 1500 rpm



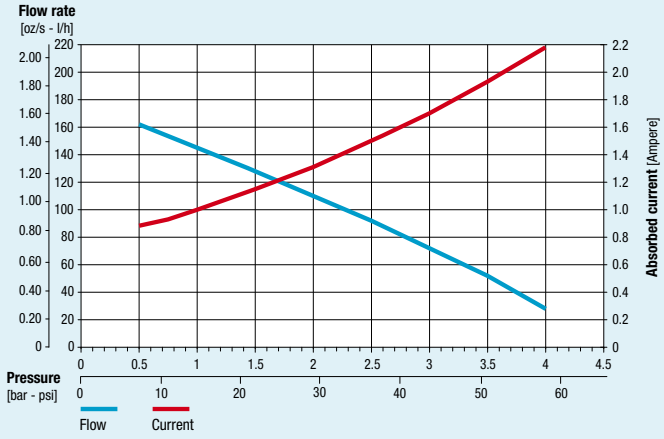
DGD09 @ 1500 rpm



DGD09 @ 3400 rpm



DGD09 @ 3900 rpm



Note: Characteristics with water at 20 °C (68 F) and without relief valve. Fluids different from water must be validated by the Customer. Temperature requirements different from ambient temperature must be mentioned on the order. Different materials are available upon request. Use a filter before the pump inlet no larger than 10 micron

Fluid-o-Tech reserves the right to alter the specifications indicated in this catalogue at any time and without prior notice.

Fluid-o-Tech srl
Via Leonardo da Vinci, 40
20094 Corsico, Milano, Italy
Tel. +39 02 9995 01
Fax +39 02 9995 0999
info@fluidotech.it

Fluid-o-Tech Int'l Inc.
161 Atwater St.,
06479 Plantsville CT (USA)
Tel. +1 (860) 276 9270
Fax +1 (860) 620 0193
info@fluid-o-tech.com

Fluid-o-Tech Int'l Inc. Japan
2nd Floor, 4-3-8, Espoir Todoroki,
Todoroki, Setagaya, Tokyo 158-0082
Tel. +81 (0) (3) 6432 1812
Fax +81 (0) (3) 6432 1813
erkkato@fluidotech.jp

Fluid-o-Tech Asia (Shanghai) Co., Ltd.
2/F, Factory building 6 (1), No. 258, Zhijiang Road,
Fengxian District, Shanghai City, Z.P.: 201499 China
Tel. +86 (021) 67100 838
Fax +86 (021) 67100 605
info@fluidotech-asia.com