

# CLARK

## DGD09 DC Direct Drive Pump/Motor Unit

12/24 VDC, 1500, 3400, and 3900 rpm, Flow to 160 LPH

### DESCRIPTION

The DGD09 Series direct drive gear pumps derive from the well established mag drive MG200 Series. Built to handle clean water and relatively viscous fluids at low pressure, the DGD09 Series pump-motor unit has low pulsation and is capable of handling fluids at a maximum temperature of 70 °C (158 °F).

The pump housing and the gears are made of Vectra. Seals are available in NBR or VITON®. The extreme compactness of its design makes it the preferred choice where space is limited. Suction and discharge ports are 8 mm barbed end.

### SPECIFICATIONS

Motor: 12 or 24 V DC brush type  
 Speeds: 1500, 3400, 3900 rpm  
 Flow/Current Consumption : See performance curves  
 Suction/Discharge Port: 8 mm barb  
 Seal: NBR, Viton  
 Weight: 0.36 Kg ( .79 Lbs)

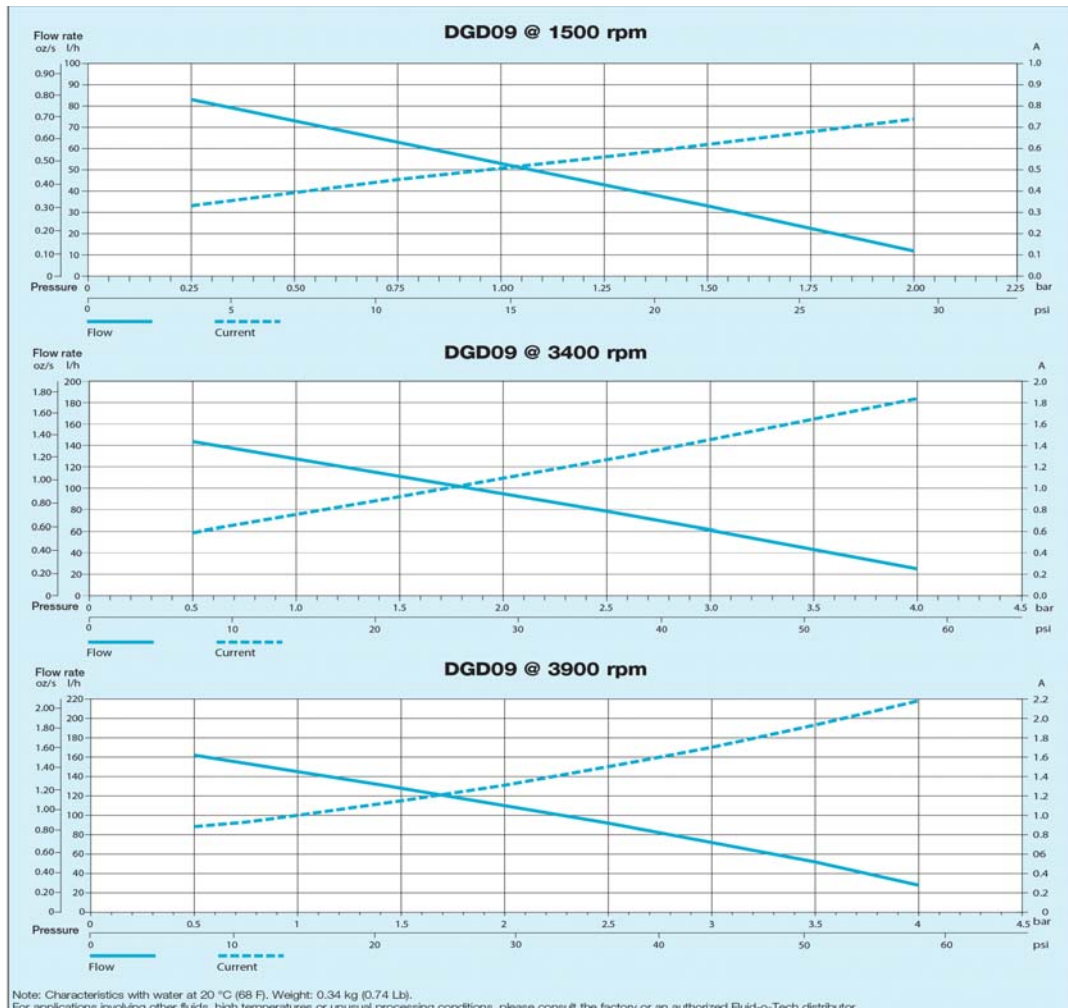


### TYPICAL APPLICATIONS

- Water purification
- Laser cooling
- Water circulation
- Condensation removal
- Spraying
- Syrup Dispensing

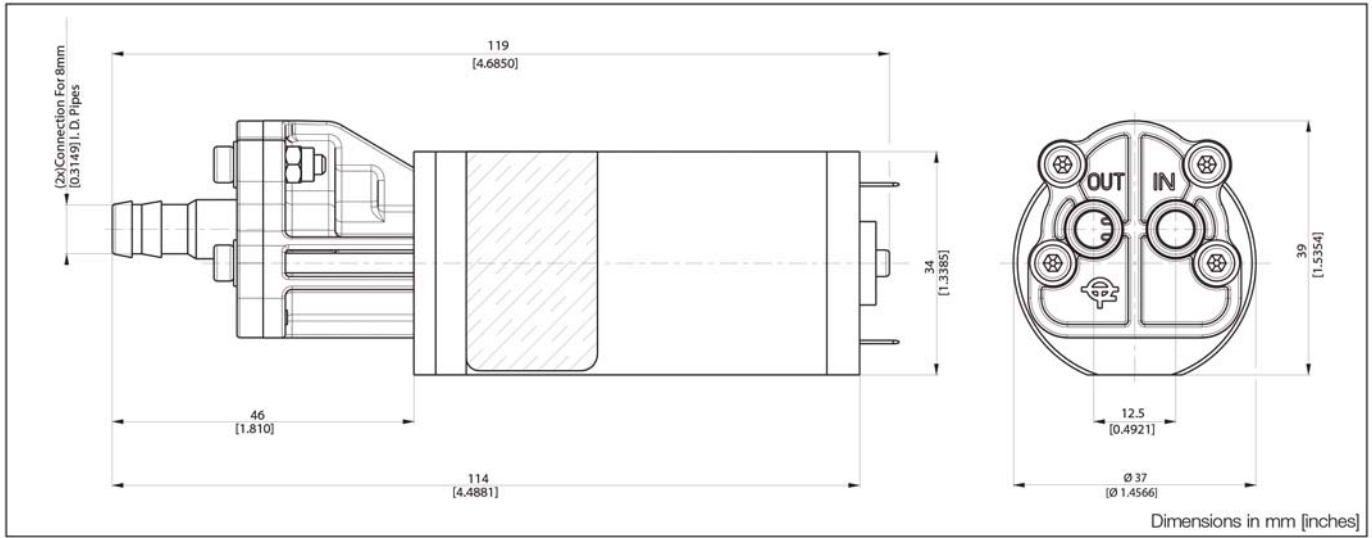


### PERFORMANCE (PRESSURE, FLOW, CURRENT CONSUMPTION)



Note: Characteristics with water at 20 °C (68 F). Weight: 0.34 kg (0.74 Lb).  
 For applications involving other fluids, high temperatures or unusual processing conditions, please consult the factory or an authorized Fluid-o-Tech distributor.

## DIMENSIONS



## ORDERING INFORMATION

**MODEL NUMBER: ABCD**

**EXAMPLE: DGD09NA01**

A Model	B Gear Width	C Seal Material	D Motor Type
DGD	09 (9 mm)	N = NBR V = VITON	A01 = 1500 rpm, 24 V A02 = 3400 rpm, 24 V A03 = 3900 rpm, 24 V A07=3980 rpm, 12 V