LGPRO Bwc

LARGE GEAR PUMP WITH BRUSHLESS MOTOR & CONTROLLER 5191SETIGXXABN



Features and Benefits

- Self priming (water) and maintenance free with low vibration and pulsation characteristics
- Positive Displacement Gear Pump with 24VDC brushless motor with built in controller
- Flow up to 216 GPH (817 LPH)
- Horsepower required 0.14 to 0.40 hp (100 to 300 watts)
- Stainless steel housing works with acidity > 2 pH

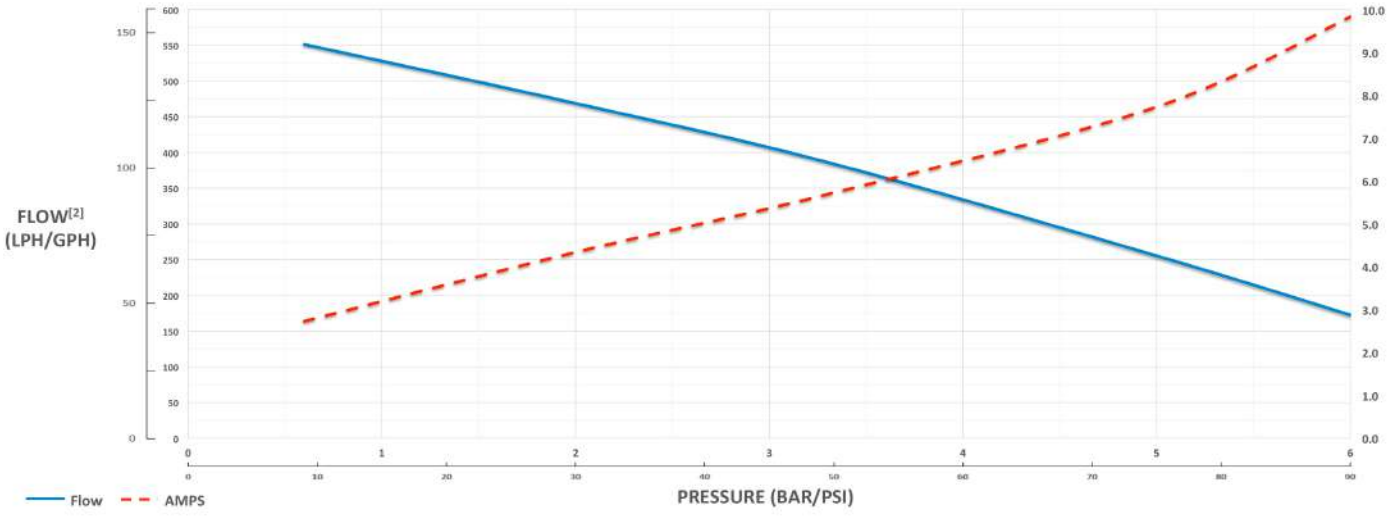
General Applications

Boiler Feeds
Temperature Control
Medical Application
Reverse Osmosis
Beer Chillers
Pesticide Systems
Cooling Systems

Technical Information			
Housing and motor shaft	304 Stainless Steel	Ports	NPT 3/8" Thread
Gears and Bushing	Carbon Fiber PEEK	Motor Type	24V Brushed DC with Control
Elastomer	EPDM (FDA,NSF Approved)	Insulation Class	F
Seals	Carbon / Silicon Carbide	Unit Weight	2.5 kg (5.6 lbs.)

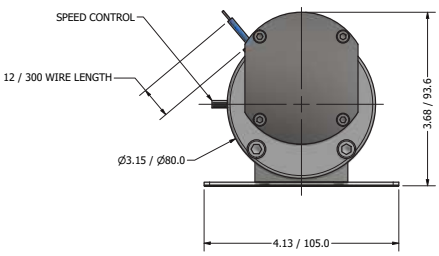
Operating Range			
Max Static Pressure	20 bar (290 PSI)	Fluid Temperature	-20° to 90°C (-4° to 194°F)
Max Vacuum Dry	1 M (3.3 ft)	Viscosity[1]	10,000 cP
Max Vacuum Wet	8 M (26.25 ft)	Max Discharge Pressure	4 bar (60 psi)
Wet Lift with Water	2 M (6 ft)	Speed	500 to 3500 RPM

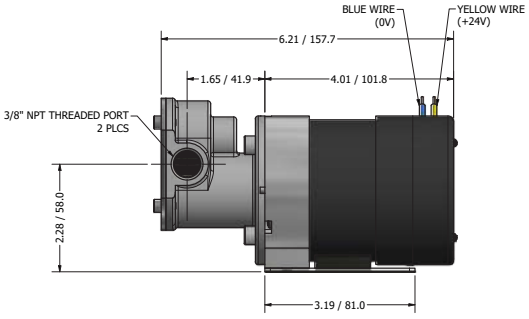
LGPRO Bwc PERFORMANCE

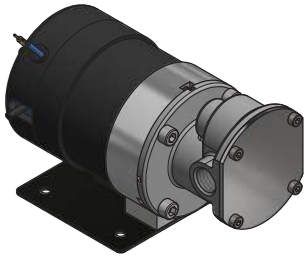


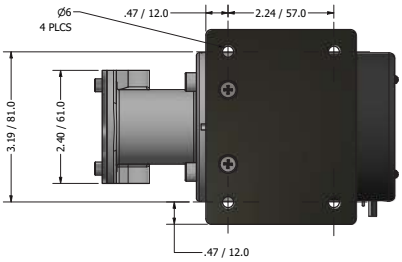
NOTES:
[1] Flow may vary with viscosity
[2] Flow curve based on pump tested with water at room temperature

DIMENSION AND CONNECTION DETAILS









NOTE: Dimensions are in inches/millimeters

AMER
4600 NW Camas Meadows,
Suite 200
Camas, WA 98607
+1 360-253-2008
MVPSales@cemegroup.com

EMEA
Irishtown, Mountmellick, CO.
Laois, Republic of Ireland
00353.57.86.24350
EUSales@cemegroup.com

APAC
Room 2730, 27F, The Crest 500
West YanAn Road, Changning,
Shanghai P.R.C
+86 18621892131
sara.chen@cemegroup.com