

The **GA pump-motor** unit has been designed to extend the Fluid-o-Tech® rotary vane pump range to the low flow rates.

Coupled to a compact but powerful 24 V DC brush or brushless motor, the unit has been designed to deliver a maximum pressure of 10 bar (145 psi) and grant a long service life while fitting in tight spaces.

The pump has a stainless steel housing and carbon graphite parts and it benefits from an integrated pressure relief valve.

The use of food grade materials throughout the construction makes it the ideal choice for integration into a wide range of potable water installation.



"MAIN APPLICATIONS"

- Espresso coffee machines
- Water treatment systems"

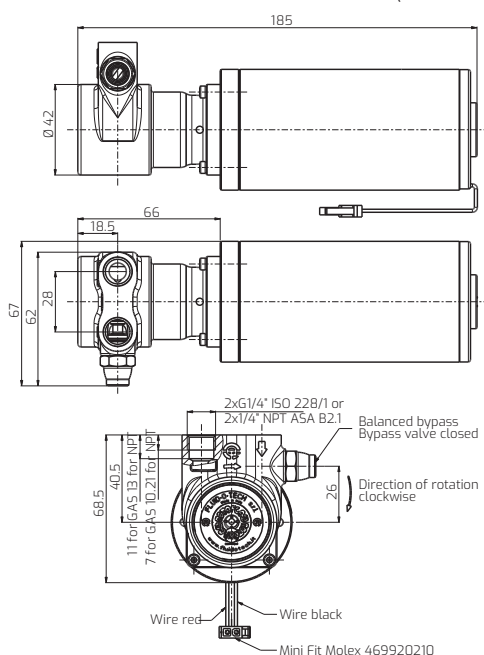


TECHNICAL SPECIFICATION

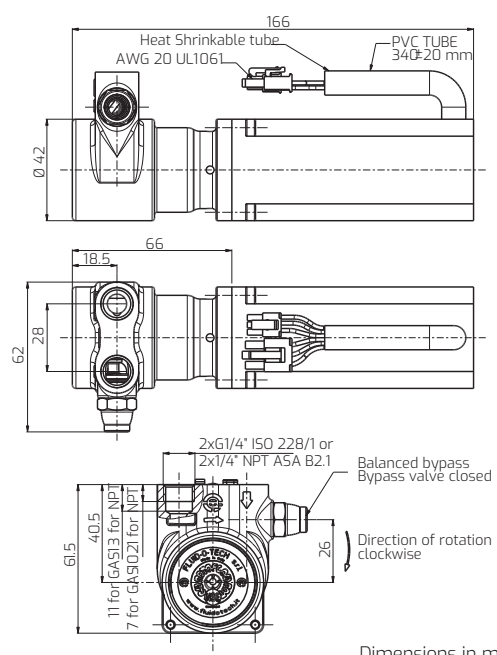
"Pump housing material"	"Stainless steel"	"Max static pressure"	"10 bar/145 psi"
"Pumping chamber"	"Carbon graphite"	"Relief valve"	"Balanced"
"Ports"	"1/4 GAS"; 1/4" NPT"	"Unit weight"	"1417 gr (3.1 lb) brushless 1664 gr (3.7 lb) brush"
"Speed limit for brushless motor"	"3000 rpm"		

DIMENSIONS

GA072 - 24 V D56 H102 BRUSH MOTOR (90-54-37)



GA102 - 24 V 42x100 mm BRUSHLESS MOTOR (90-93-02)

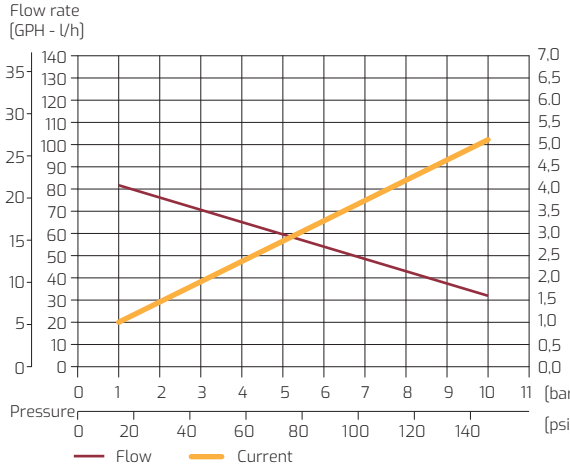


Dimensions in mm

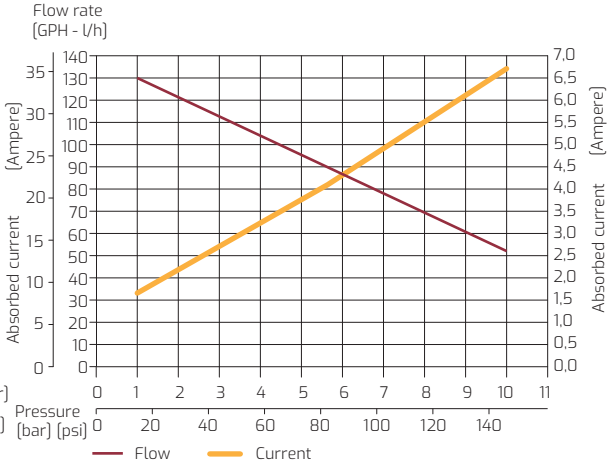


PERFORMANCE CURVES

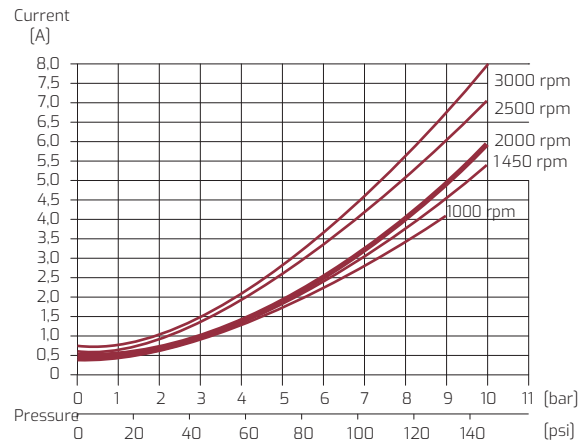
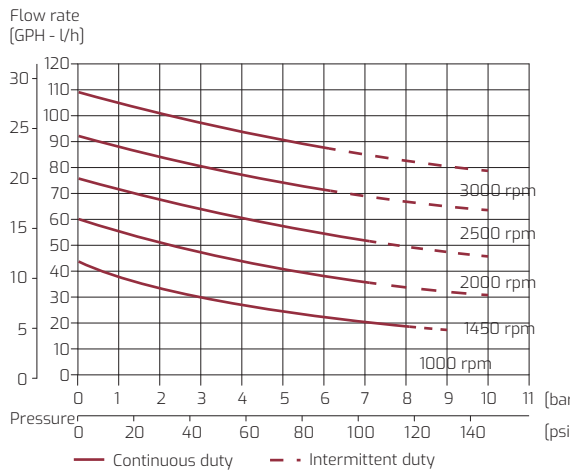
GA072 - 24 V D56 H102 BRUSH MOTOR (90-54-37)



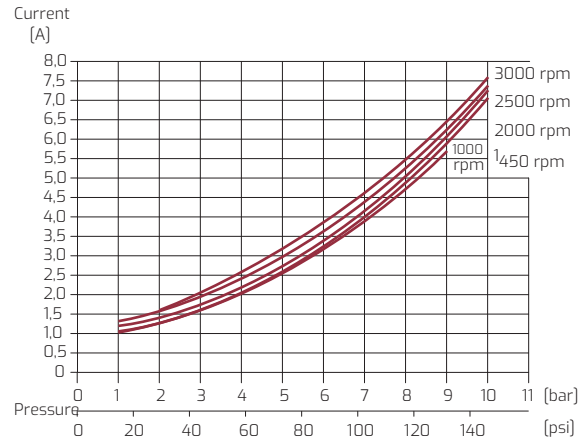
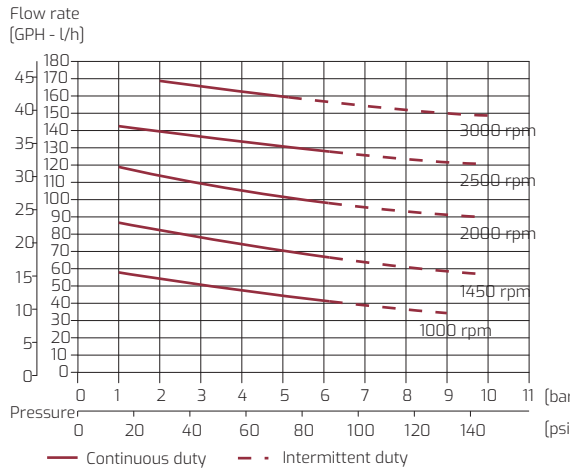
GA102 - 24 V D56 H102 BRUSH MOTOR (90-54-37)



GA072 - 24 V 42x100 mm BRUSHLESS MOTOR (90-93-02)



GA102 - 24 V 42x100 mm BRUSHLESS MOTOR (90-93-02)



Note: Hydraulic performances measured with 20 °C (68 F) water and bypass blocked.
 For applications involving other fluids, high temperatures or unusual processing conditions consult the factory or an authorized Fluid-o-Tech distributor.

