

The **HA rotary pumps series**, the magnetic drive version of the GA pumps series, are made of stainless steel and carbon graphite and are available in a range to cover the low flow rates. The particularly compact size, which makes them the smallest rotary vane pumps in our range, and the DC brush drives, make the unit particularly versatile and suitable for both domestic and professional systems. The seal-less design grants total fluid containment, while the magnetic coupling prevents any misalignment between the pump and the motor shafts, making the unit more silent, energy efficient and highly reliable.



"MAIN APPLICATIONS"

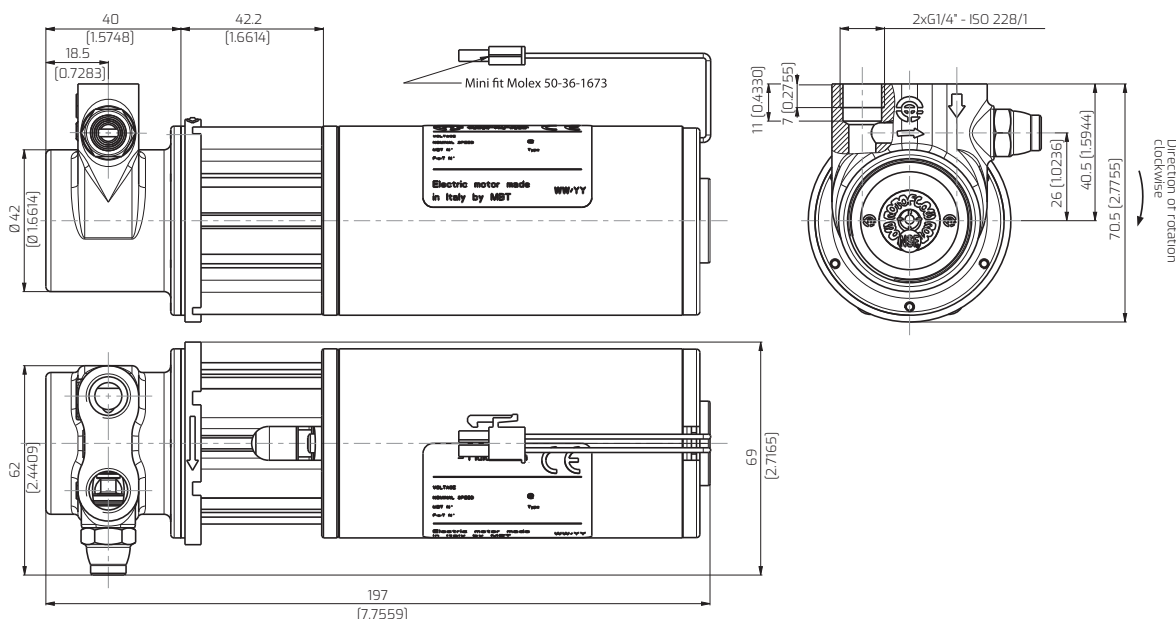
- Espresso coffee machines
- Water treatment systems"



TECHNICAL SPECIFICATION

Pump housing material	Stainless steel	"Max static pressure"	10 bar/145 psi
Pumping chamber	Carbon graphite	Relief valve	Balanced
Ports	"1/4 HAS"; 1/4" NPT"	Unit weight	1600 gr (3.6 lb)
Nominal speed	"3000 rpm"		

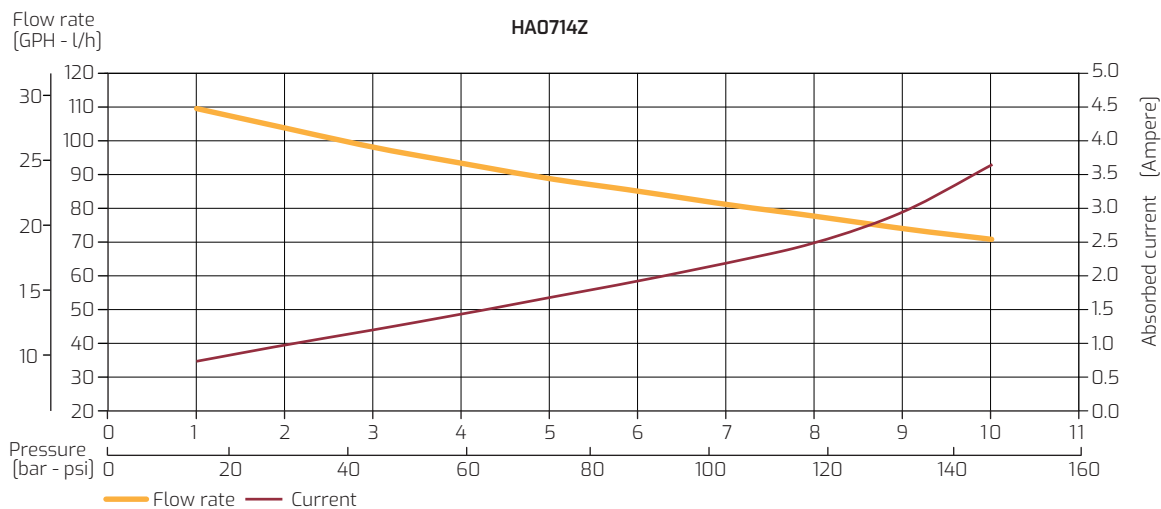
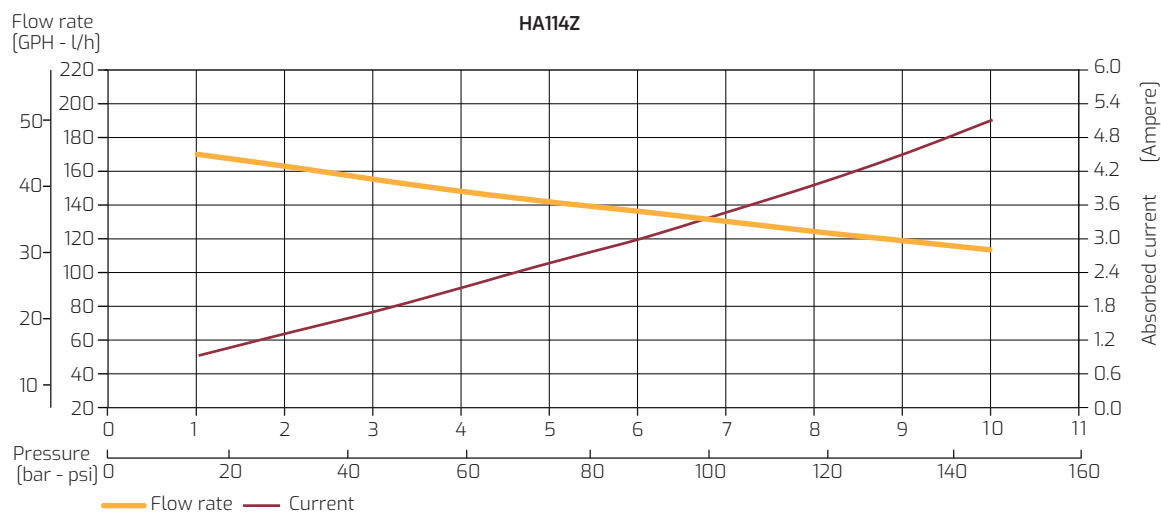
DIMENSIONS



Dimensions in mm



PERFORMANCE CURVES



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.