

NST Variable Speed Pool Pump

Working Condition

- Working Temp: 5-50°C
- Ambient Temp: ≤40°C
- Max Working Pressure: 0.3Mpa

Materials

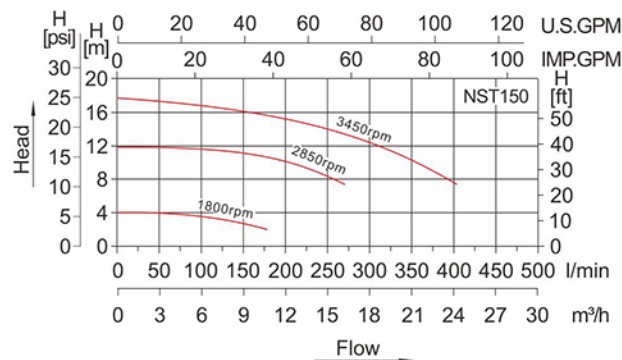
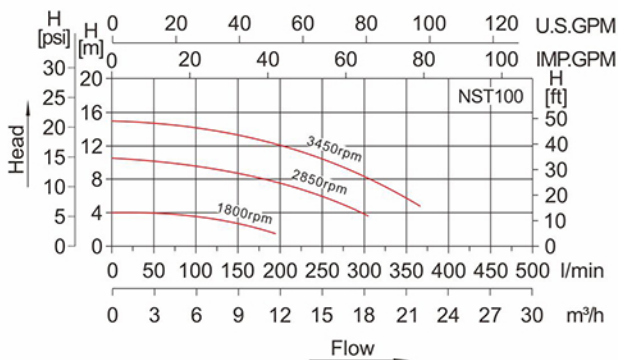
- Engineering plastics made flow passage component
- Mechanical seal material: Graphite/ Silicon Carbide
- O-ring: NBR
- Aluminium motor casing

Characteristic

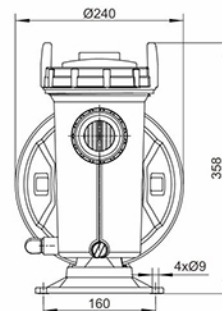
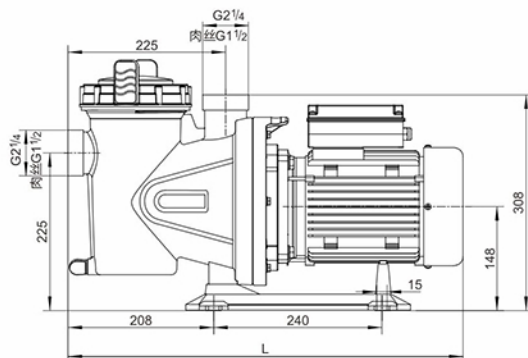
- Permanent magnet synchronous motor(PMSM) with advantages of light weight、small size、low energy consumption、high efficiency and small vibration.
- IP55 protection grade with integrated air duct design.Wide voltage input range and IE5 energy efficiency grade.
- The frequency conversion controller panel is a touch screen which has the advantages of simple and clear operation.
- Flexible speed adjustment and real time display the parameters in screen.
- Power supply: single-phase voltage: 220±10% with frequency: 50/60Hz.
- Modular design and easy to install and maintain.



Performance Curve



Installation Sketch



Performance Table

Model	P ₁		Connector		Voltage	Frenquency	Packing Size	GW [KG]
	[KW]	[HP]	GB	ANSI	[V]	[Hz]	[Size]	
NST100	0.75	1	Φ50	Φ48.5	208-240	50/60	58*26*39	11
NST150	1.1	1.5	Φ50	Φ48.5	208-240	50/60	58*26*39	12