# DC50F



#### **FEATURES**

- Brushless DC motor, electronic commutation, no mechanical wear
- Compact size & high efficiency
- · Long lifespan for 24 hours continuous operation
- · No spark, low voltage operation, safety
- · Low noise, maintenance-free
- Magnetic driven, stator coil & circuit board are entirely isolated from the liquid by the isolation layer
- · Waterproof grade IP68
- · Easy installation & portable
- Wide voltage operation, flexible customized functions
- · Suitable for water, oil, acid, and alkali solution

#### **MAIN SPECIFICATIONS**

• Inlet (Outer diameter): 1/2" thread

• Outlet (Outer diameter): 1/2" thread

• Body Shell Material: PPS

• Cover Shell Material: PA66+30%GF

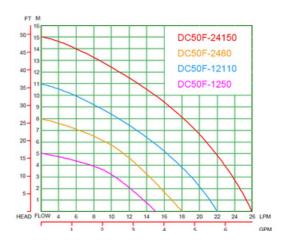
• Impeller Material: POM

• Dimensions: 109x91x71.5mm

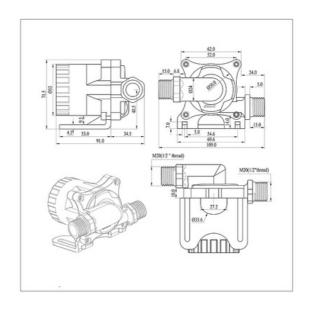
Weight: about 600 g

Max Working temperature: 100°C

### **PERFORMANCE CURVE**

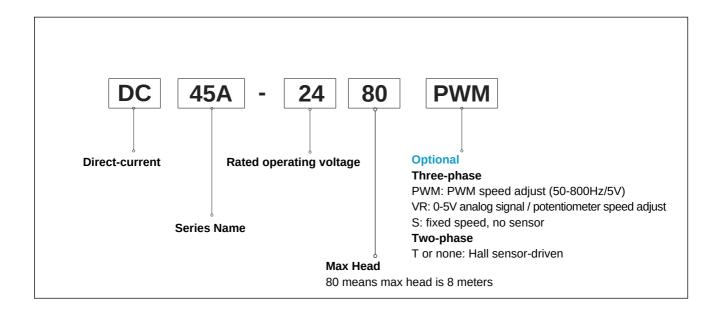


### **DIMENSIONS**





## **MODEL CODE INSTRUCTION**



### **MODE LIST**

Model	Rated Voltage	Operating Voltage Range	Rated Current	Max Flow	Max Head
DC50F-1250T	DC12V	DC10-18V	2A	900L/H	5M
DC50F-1250S					
DC50F-1250VR					
DC50F-1250PWM					
DC50F-12110S	DC12V	DC10-18V	4.5A	1320L/H	11M
DC50F-12110VR					
DC50F-12110PWM					
DC50F-2480T	DC24V	DC10-30V	2A	1080L/H	8M
DC50F-2480S					
DC50F-2480VR					
DC50F-2480PWM					
DC50F-24150S	DC24V	DC10-30V	3.6A	1560L/H	15M
DC50F-24150VR					
DC50F-24150PWM					

