

JOB or CUSTOMER:			
ENGINEER:			
CONTRACTOR:			
SUBMITTED BY:	APPROVED BY:	ORDER NO:	
Date:	Date:	Date:	

## 99-SERIES PUMP SPECIFICATIONS

### TECHNICAL & ELECTRICAL DATA

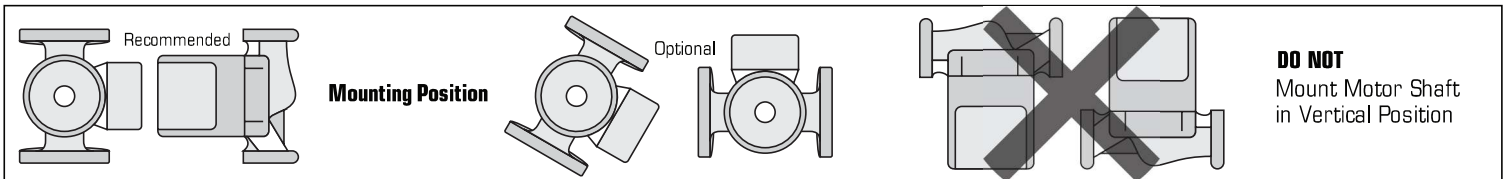
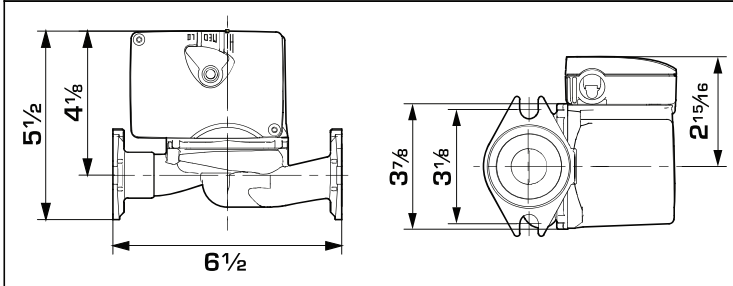
Flow range:	0-33 gpm
Head range:	0-29 feet
Motors:	2-pole, single-phase
Max. liquid temperature:	230°F (110°C)
Min. liquid temperature:	36°F (2°C)
Max. system pressure:	145 psi (10 bar)

Model	Spd	Volts	Amps	Watts	Hp	Capacitor
99-Series	3	115	1.8	197	1/6	20 µF/180 V
	2		1.8	179	1/6	20 µF/180 V
	1		1.8	150	1/6	20 µF/180 V

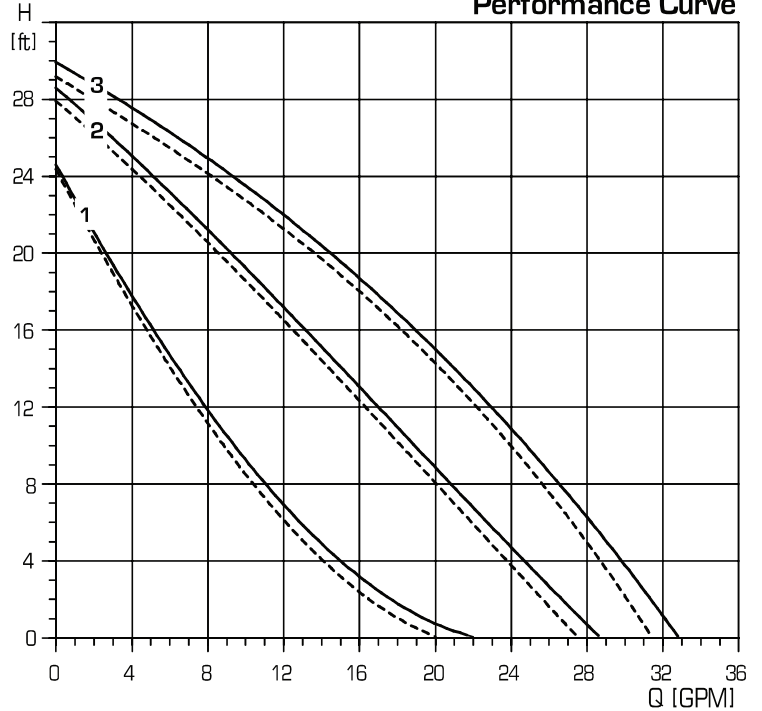
Part No.	Name	Description
DC099A	<b>AutoHot®</b>	99-series pump, commercial EMS, (3) temp sensors
DR099A		99-series pump, residential controller, push button activator
DR099A-USK		99-series pump, residential controller, push button, Under Sink Kit
DR099A Gen 2		99-series pump, residential controller, integrated receiver, wireless and wired push button activators
DR099A-USK Gen 2		99-series pump, residential controller, integrated receiver, wireless and wired push button activators, Under Sink Kit.

### SIZE & WEIGHT

Model	Type and Size	Wt. (lbs)
99-11	Flange - (2) 1/2" Dia. Bolt Holes	10



Performance Curve



### MATERIALS OF CONSTRUCTION

DESCRIPTION	MATERIAL
Inlet Cone, Bearing Plate, Bearing Retainers, Rotor Can, Rotor Cladding Shaft Retainer	304 Stainless Steel
Stator Housing	Aluminum
Shaft, Upper & Lower Radial Bearings	Aluminum Oxide Ceramic
Thrust Bearing	Carbon bearing and EPDM retainer
Check Valve	ACETAL with 302 Stainless Steel Spring & Nitrile Rubber Seats
Pump Housing (Volute)	Silicon bronze C875 or Stainless steel 300 series
O'Ring & Gaskets	EP (Ethylene Propylene Rubber)
Impeller	PES Composite (30% Glass Filled)
Terminal Box	Noryl®