

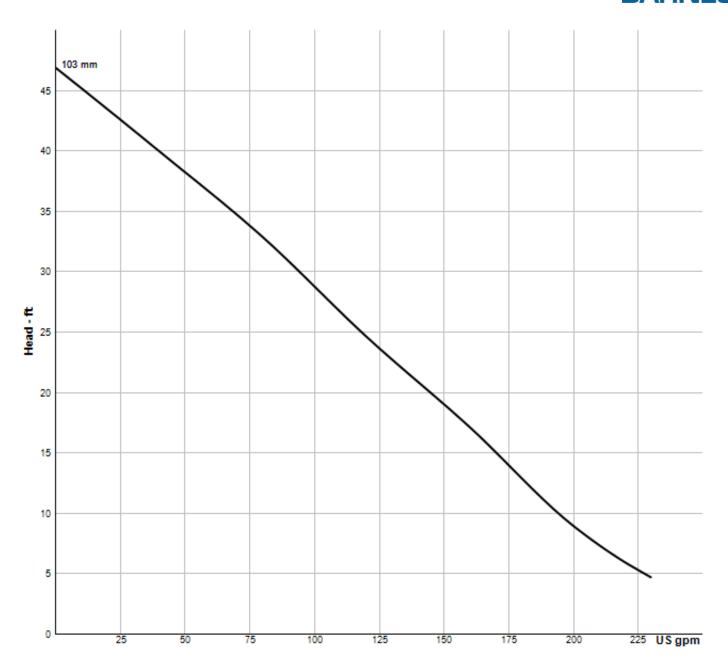
## SEC - 2 HP





SPEED:	3450 RPM		
STARTS PER HOUR:	11 starts, with a minimum rest time of 77 seconds		
INCLUDED ADAPTERS:	<ul> <li>3" Flanged elbow: Cast iron A-48, class 30</li> <li>3" NPT adapter: Cast iron A-48, class 30</li> </ul>		
SENSOR CORD:	UL Listed Cable, 18/4 AWG, SOW, 39 foot length, included with pump		
POWER CORD:	UL Listed Cable, 16/4 AWG, SOW, 39 foot length, included with pump		
CUTTING PLATE:	ASTM A29 Grade 5140 alloy steel Rockwell C-42		
VOLUTE:	Cast Iron A-48, Class 30 with air release valve		
IMPELLER:	Design: Semi-open mono-vane, dynamically balanced ISO G6.3		
	Impeller Blade: . 440C Stainless steel Rockwell C-55		
	Hardware: 420 Stainless steel		
DISCHARGE:	JIS 80 Horizontal flange		
MOTOR:	Design: NEMA B, air-filled, squirrel cage induction		
	Insulation: Class F		
SHAFT:	Buna-N		
MAX LIQUID TEMPERATURE:	104 deg. F (40 deg. C) Continuous		
PAINT:	Air dry enamel		
MOTOR HOUSING:	Cast iron A-48, Class 30		
BEARING SEAT:	Cast iron A-48, Class 30		
ELASTOMERS:	Buna-N		
HARDWARE:	304 Stainless steel		
LIFTING HOOKS:	420 Stainless steel		
SEAL:	Design: Tandem mechanical		
	Inboard: Carbon/Silicon carbide		
	Outboard: Silicon carbide/Tungsten carbide		
	Elastomer: Buna-N		
	Hardware: 300 Series stainless steel		
UPPER BEARING:	Design: Single row, ball, shielded and permanently lubricated		
LOWER BEARING:	<b>Design:</b> Single row, ball, shielded and permanently lubricated		
	Normally open, relay required		
MOISTURE SENSOR:	Normally open, relay required		

## **BARNES**°





PUMP MODEL NUMBER	3SEC2092A	3SEC2042A
PART NUMBER	148313	148933
HP	2	2
VOLTAGE/PHASE	208-240/3	460/3
HZ	60	60
RPM	3450	3450
NEMA START CODE	M	М
INSULATION CLASS	F	F
FLA	5.5-5.7	2.9
LRA	53.0	26.5
CORD SIZE	16/4	16/4
CORD TYPE	sow	SOW
CORD O.D. INCH (MM)	0.44 (11.2)	0.44 (11.2)

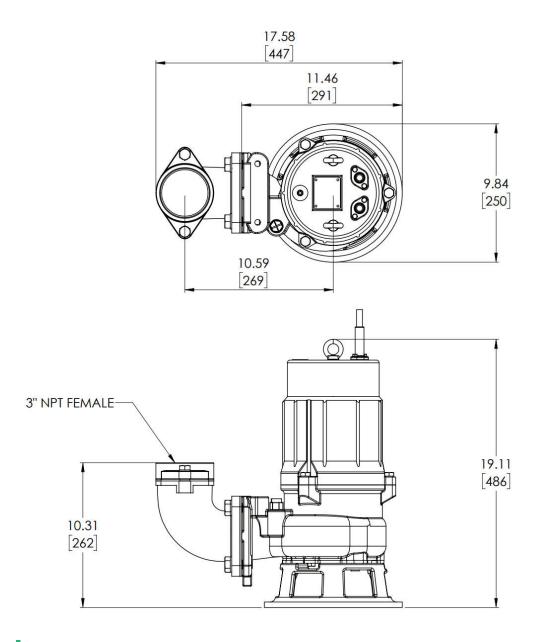


## IMPORTANT

1) INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANS/INFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWIMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATIONS IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.



## **BARNES**°





All dimensions are in inches (mm)