

Series SEC

4SEC5094A
5HP, 1750RPM

BARNES®

www.cranepumps.com

Submersible Cutter Pumps



Series: SEC, 4SEC5094A 5HP, 1750RPM, 60Hz



DESCRIPTION:

SUMBERSIBLE CUTTER PUMP DESIGNED
FOR REDUCING SOLIDS IN SEWAGE AP-
PLICATIONS



WARNING:

CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

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 Monovane, Dynamically Balanced ISO G6.3 Material: Cast Iron A-48, Class 30
Impeller Blade	AISI 1120 Free Cutting Steel Rockwell C-76"
Hardware	420 Stainless Steel
Discharge	JIS 80 Horizontal Flange
Included Adapters	4" Flanged Elbow: Cast Iron A-48, Class 30 4" NPT Adapter: Cast Iron A-48, Class 30 4" ANSI Horizontal Adapter: Cast Iron A-48, Class 30
Motor	Design: NEMA B, Air-Filled, Squirrel Cage Induction Insulation: Class F
Shaft	420 Stainless Steel
Starts Per Hour	8 starts, with a minimum rest time of 83 seconds
Max Liquid Temperature	104 deg. F (40 deg. C) Continuous
Motor Housing	Cast Iron A-48, Class 30
Bearing Seat	Cast Iron A-48, Class 30
Elastomers	Buna-N
Hardware	420 Stainless Steel
Lifting Hooks	420 Stainless Steel
Seal	Design: Tandem Mechanical Material: Inboard: Carbon/Silicon Carbide Outboard: Silicon Carbide/Tungsten Carbide Elastomers: Buna-N Hardware: 300 Series Stainless Steel
Sensor Cord	UL Listed Cable, 18/4 AWG, SOW, 39 foot length, included with pump
Power Cord	UL Listed Cable, 14/4 AWG, SOW, 39 foot length, included with pump
Speed	1750 RPM
Upper Bearing	Design: Single Row, Ball, Shielded and Permanently Lubricated
Lower Bearing	Design: Single Row, Ball, Shielded and Permanently Lubricated
Moisture Sensor	Normally Open, Relay Required
Temperature Sensor	Normally Closed, Relay Required

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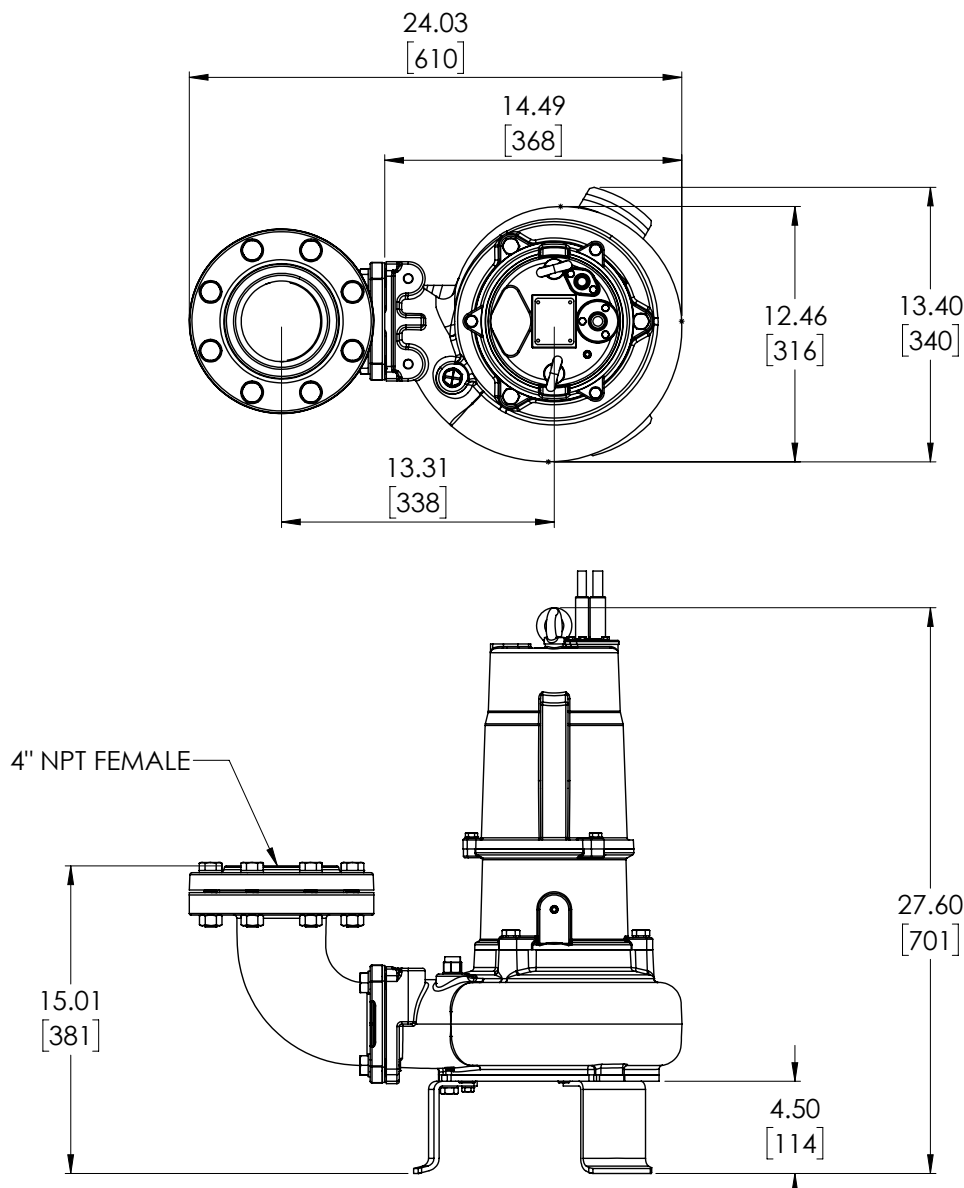
CRANE®

A Crane Co. Company

PUMPS & SYSTEMS

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

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MODEL NO	PART NO	HP	VOLT	Ph/Hz	RPM	NEMA START CODE	INSUL. CLASS	FLA	LRA	CORD SIZE	CORD TYPE	CORD O.D. inch (mm)
4SEC5094A	148315	5	208-240	3/60	1750	J	F	14.3-13.8	96.0	14/4	SOW	.59 (15.0)

SENSOR CORD IS 18/4 SOW, .41 (10.4mm) O.D.

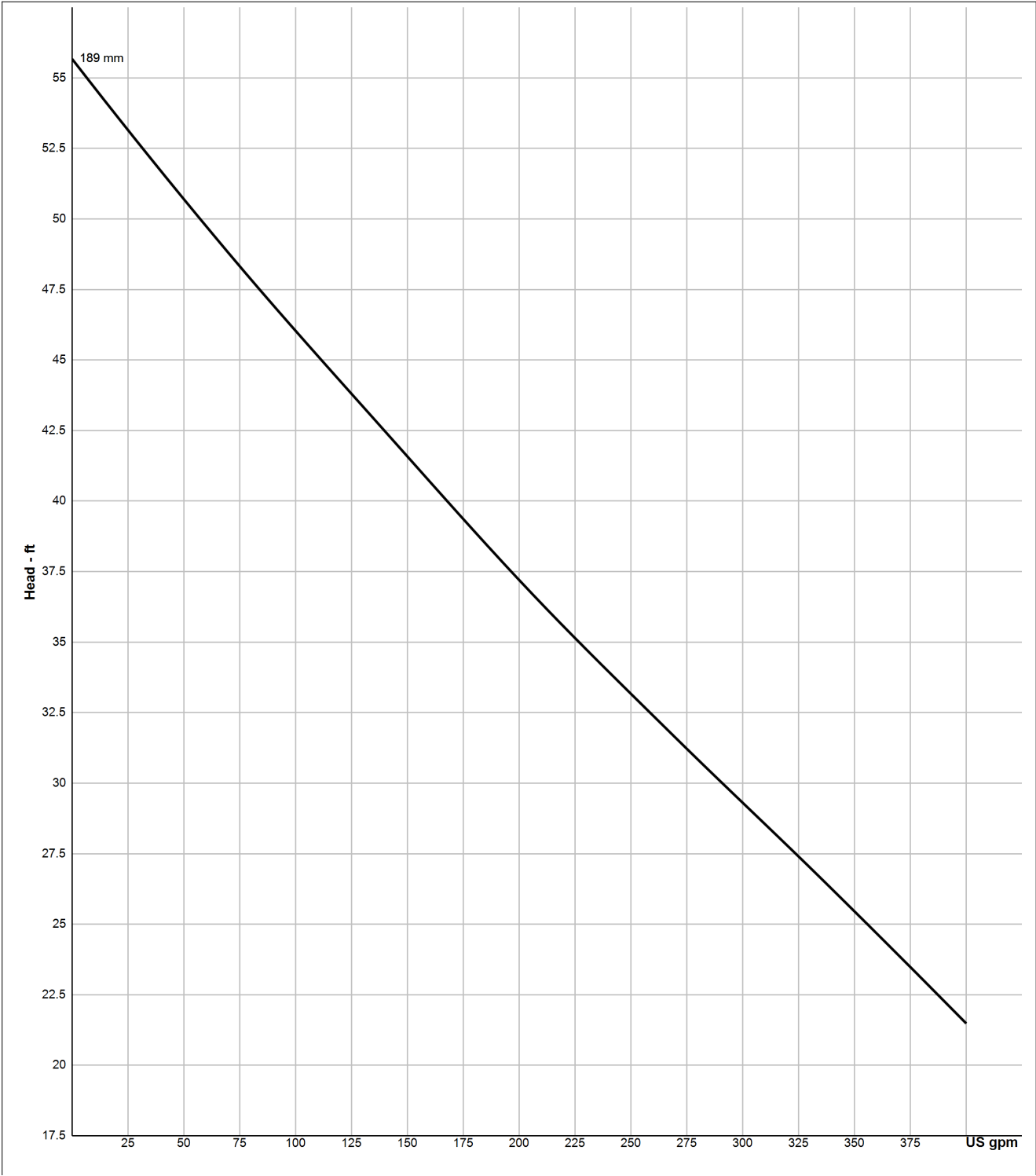
IMPORTANT !

1.) INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 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.

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Testing is performed with water, specific gravity 1.0 @ 68° F @ (20°C), other fluids may vary performance