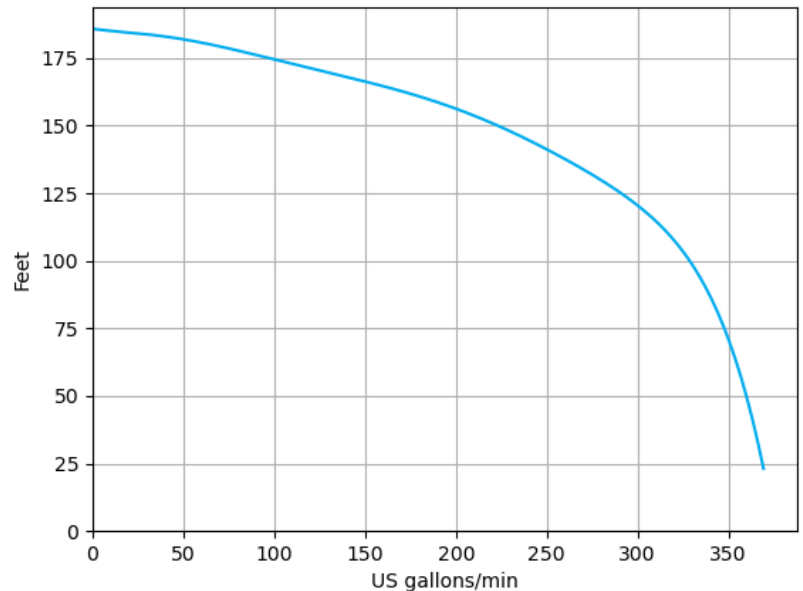




Pump Curve



Overview

- Heavy duty cast iron submersible water pump
- High maximum submersion depth due to mechanical seal resistant to high pressure.
- Semi-open impeller made of high chrome alloy matched with ductile iron wear plate achieves superior durability.
- Effective motor cooling due to discharge channel cast as part of the motor housing.
- Thermally protected motor
- Approved control panel recommended
- Available with bare end or plug

Applications

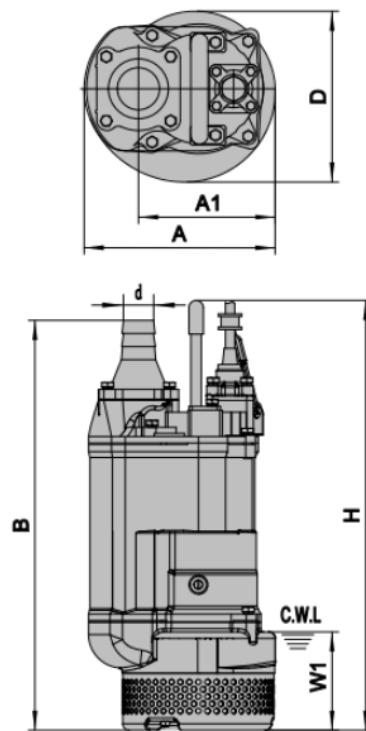
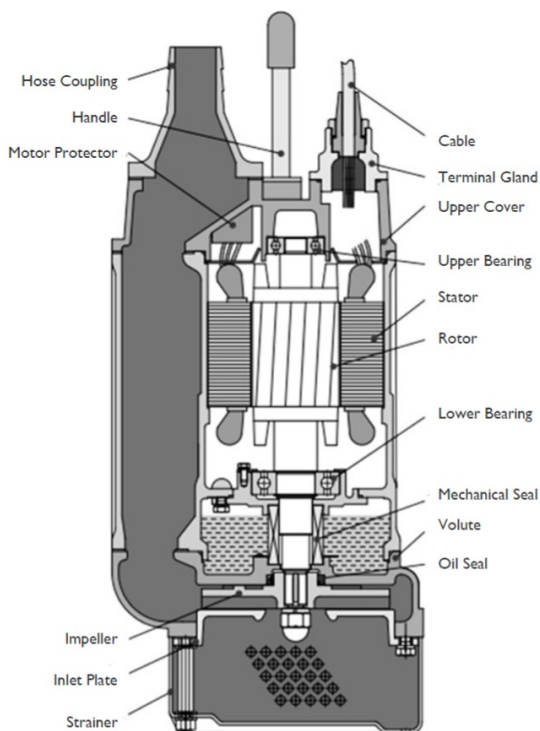
- Mine & quarry dewatering
- Lagoon transfer
- Washplant feed
- Reservoir & pond dewatering
- Water discharge

About Audex

Audex are respected manufacturers of industrial submersible and vac-prime self-priming dewatering pumps. Our pumps have been specifically developed for use in the toughest and most abrasive of applications and environments. Trusted by operators of quarries, mines and recycling facilities, Audex pumps represent quality and reliability giving you superior performance and reduced downtime. Pumps that suit your application better because they have been designed with your industry in mind.

Specification

Model	AS 4-I500 TC
Discharge Size	4" / 100mm
Volts / Phases / Hertz	575 / 3 / 60
Motor Power	20HP / 15kW
Shaft Speed	3450 RPM
Max Head	183ft / 56m
Max Flow Capacity	370 gpm / 1400lpm
Strainer Hole Size	1/4/32" / 11.5mm
Solids Passage	1/4/32" / 11.5mm
Max Water Temperature	104°F / 40°C
Cable Length	66ft / 20m
Cable Type	Servoflex 584
FLA / LRA	20.1 / 120
Recommended Generator Size	90kW
Electrical Tolerance	+/- 10% V
Net Weight (N.W)	317 lbs / 144kg
Gross Weight (G.W)	348 lbs / 158kg
Unit Dimensions	35.6 x 16.3 x 17.1" / 905 x 415 x 435mm
Product Code	



Materials of Construction

Upper cover	Cast iron
Motor body	Cast iron
Volute	Cast iron
Impeller	High chrome
Inlet plate	Ductile iron
Strainer	Steel
Shaft	420 Stainless Steel
Mechanical seal	SiC/SiC//SiC/SiC

Dimensions

d	3.93"	100mm
A	14.6"	373mm
A1	10"	255mm
B	33.1"	842mm
D	13.7"	350mm
H	29.7"	755mm
W1	7.4"	190mm
N.W	317 lbs	144kg
G.W	348 lbs	158kg
Packing Dimension	35.6 x 16.3 x 17.1"	905 x 415 x 435mm

C.W.L Continuous running water level