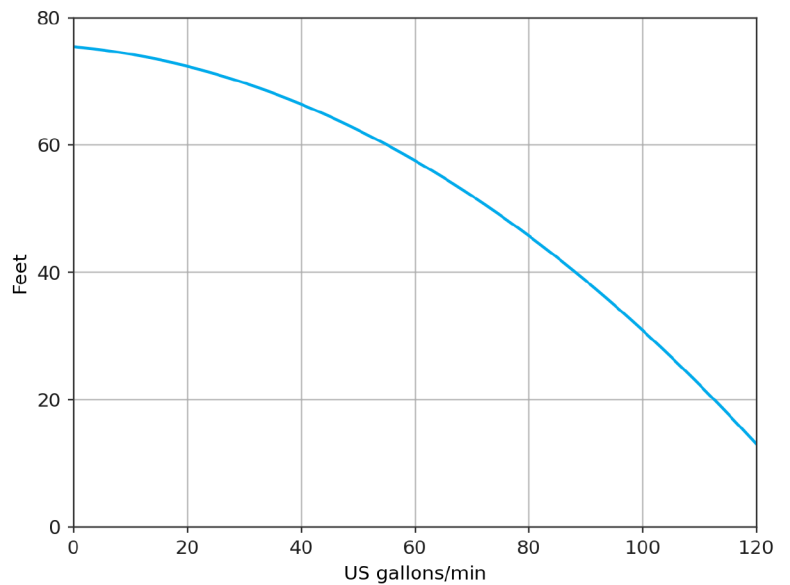




Pump Curve



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

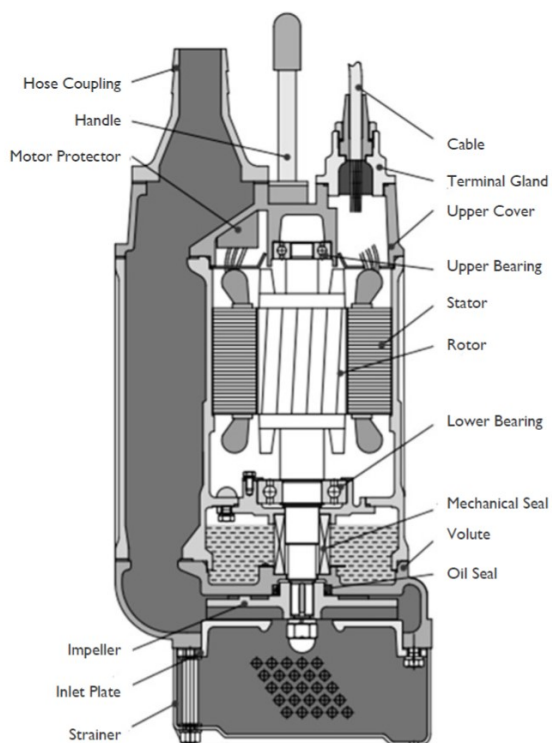
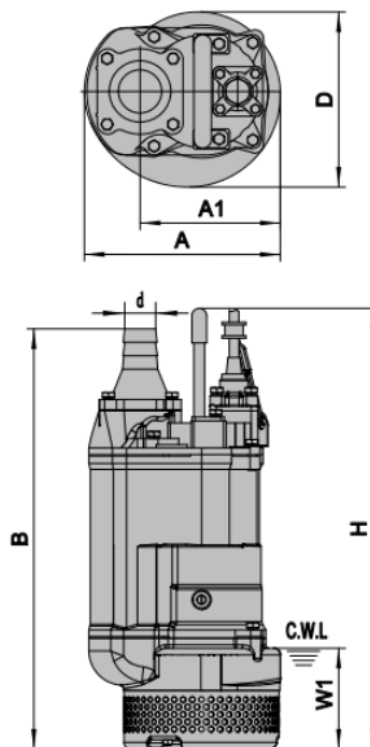
- Mine & quarry dewatering
- Lagoon transfer
- Washplant feed
- Reservoir & pond dewatering
- Water discharge

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 2-150 TC
Discharge Size	2" / 50mm
Volts / Phases / Hertz	575 / 3 / 60
Motor Power	2HP / 1.5kW
Synchronous Speed	3600 RPM
Max Head	75.5ft / 23m
Max Flow Capacity	119 gpm / 450 lpm
Strainer Hole Size	1 1/32nds / 8.5mm
Solids Passage	1 1/32nds / 8.5mm
Max Water Temperature	104°F / 40°C
Cable Length	66ft / 20m
Cable Type	Servoflex 583
FLA / LRA	2.3A / 16A (estimated)
Recommended Generator Size	10kW (provisional)
Electrical Tolerance	+/- 10% V
Net Weight (N.W)	85.9lbs / 39kg
Gross Weight (G.W)	94.7lbs / 43kg
Unit Dimensions	24.0 x 10.4 x 10.8" / 610 x 265 x 275mm
Product Code	To be confirmed



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//C/SiC

Dimensions

d	1.96"	50mm
A	9.25"	235mm
A1	6.81"	173mm
B	21"	535mm
D	8.5"	216mm
H	19.88"	505mm
W1	4.72"	120mm
N.W	85.9lbs	39kg
G.W	94.7lbs	43kg
Packing Dimension	24 x 10.4 x 10.82"	610 x 265 x 275mm

C.W.L Continuous running water level