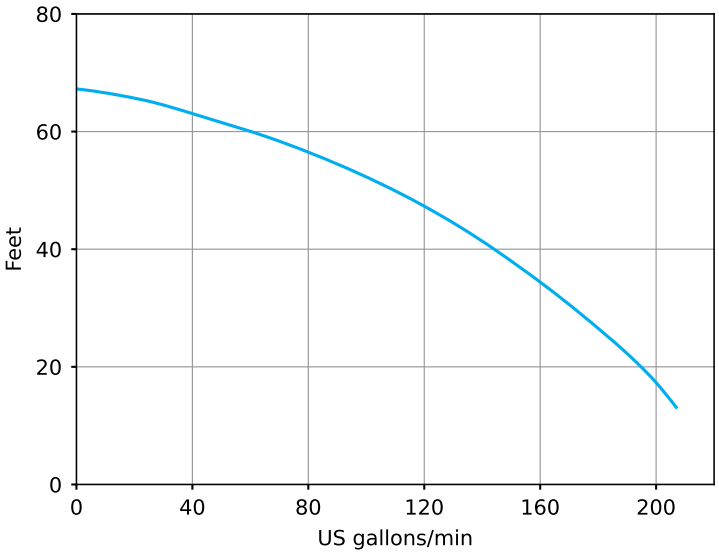
AUDEX
INDUSTRIAL DEWATERING

AS 3-220 TC 60Hz

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

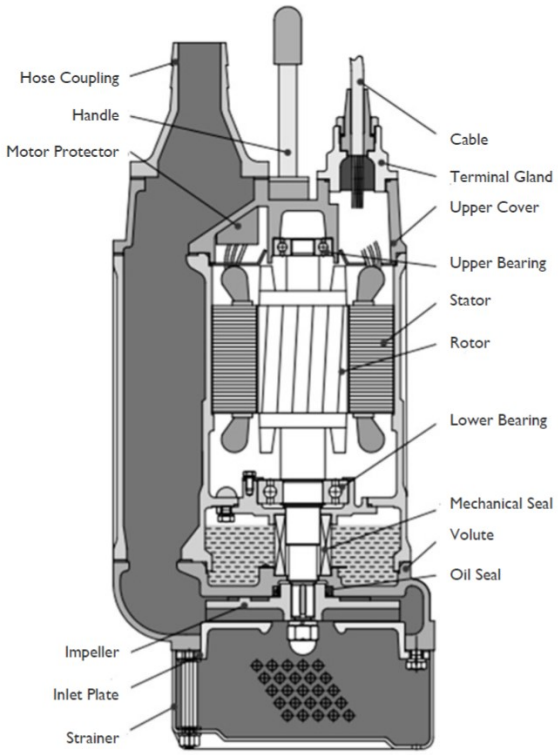
Audex are respected manufacturers of industrial submersible and vac-prime self-priming dewatering pumps. Our pumps have been specifically developed for use in the toughest and most abrasive of applications and environments. Trusted by operators of quarries, mines and recycling facilities, Audex pumps 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.

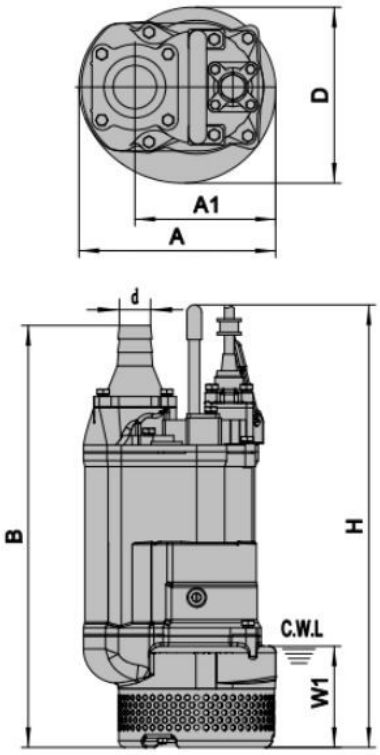
Specification

Model	AS 3-220 TC
Discharge Size	3" / 80mm
Volts / Phases / Hertz	575 / 3 / 60
Motor Power	3HP / 2.2kW
Synchronous Speed	3600 RPM
Max Head	67.3ft / 20.5m
Max Flow Capacity	206.9 gpm / 783.3 lpm
Strainer Hole Size	To be confirmed
Solids Passage	0.335" / 8.5mm
Max Water Temperature	104°F / 40°C
Cable Length	32.8ft / 10m (Audex std.)
Cable Type	To be confirmed
FLA / LRA	3.37A / 23.2A
Recommended Generator Size	15kW
Electrical Tolerance	+/- 10% V (assumed)
Net Weight (N.W)	86.0lbs / 39kg
Gross Weight (G.W)	94.8lbs / 43kg
Unit Dimensions	29.5 x 13.7 x 13.1" / 750 x 350 x 335mm
Packing Dimensions	750 x 350 x 335mm
Product Code	To be confirmed (575V)

AUDEX
INDUSTRIAL DEWATERING

AS 3-550 TC 60Hz





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	3.14"	80mm
A	11.1"	283mm
A1	8.18"	208mm
B	26.4"	671mm
D	9.92"	252mm
H	23.2"	590mm
W1	5.90"	150mm
N.W	169 lbs	77kg
G.W	185 lbs	84kg
Dimensions	29.5 x 13.7 x 13.18"	750 x 350 x 335mm

C.W.L Continuous running water level