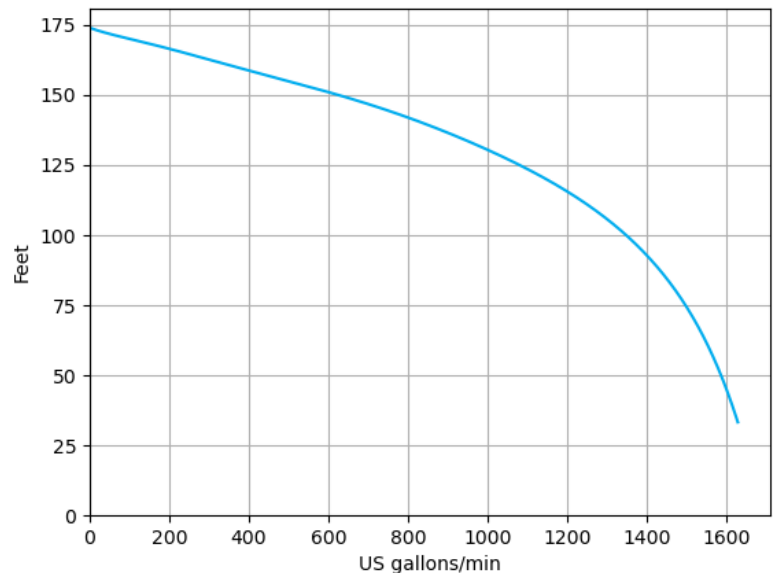




Pump Curve



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 when used with approved control panel
- Approved control panel recommended
- Available with bare end or plug

Applications

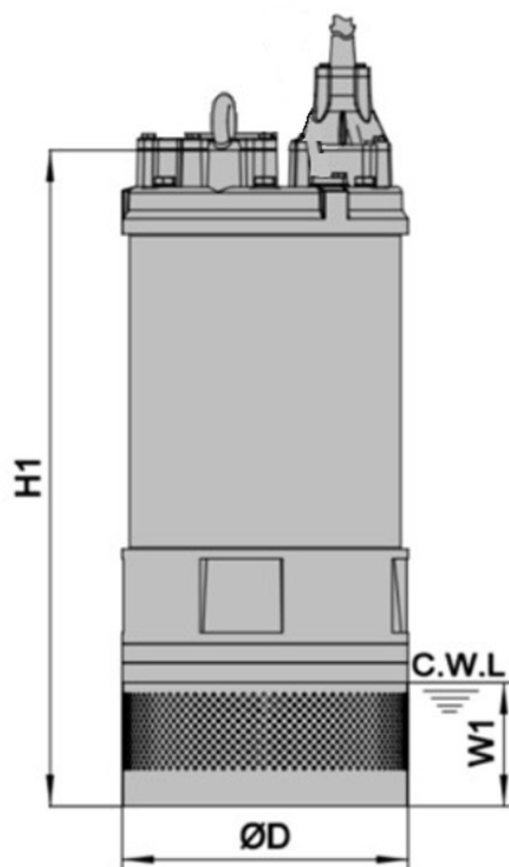
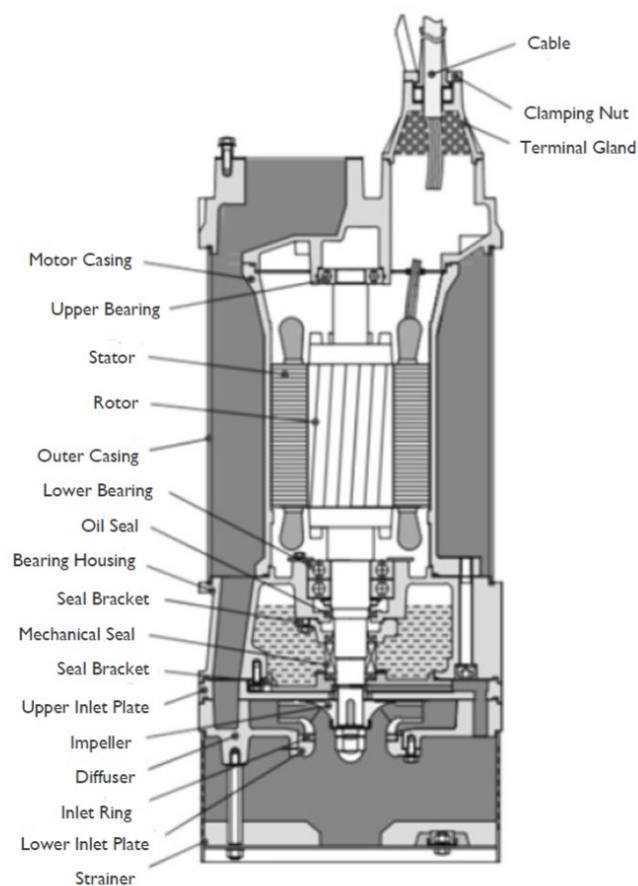
- Mine & quarry dewatering
- Lagoon transfer
- Washplant feed
- Reservoir & pond dewatering
- Water discharge

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 8-4500 TC
Discharge Size	8" / 200mm
Volts / Phases / Hertz	575 / 3 / 60
Motor Power	60HP / 45kW
Shaft Speed	3450 RPM
Max Head	174ft / 53m
Max Flow Capacity	1347 gpm / 5100 lpm
Strainer Hole Size	25/32" / 20mm
Solids Passage	25/32" / 20mm
Max Water Temperature	104°F / 40°C
Cable Length	66ft / 20m
Cable Type	Servoflex 584
FLA / LRA	56.5 / 339
Recommended Generator Size	270kW
Electrical Tolerance	+/- 10% V
Net Weight (N.W)	1278 lbs / 580kg
Gross Weight (G.W)	1388 lbs / 630kg
Unit Dimensions	63.1 x 23.6 x 33.4" / 1605 x 600 x 850mm
Product Code	PI5504



Materials of Construction

Upper cover	Cast iron
Motor body	Cast iron
Outer casing	Steel
Volute	Cast iron
Impeller	High chrome
Inlet plate	Ductile iron
Strainer	Steel
Shaft	304 Stainless Steel
Mechanical seal	TC/SiC//SiC/SiC

Dimensions

D	20.8"	530mm
H1	42.2"	1072mm
W1	7.08"	180mm
N.W	1278 lbs	580kg
G.W	1388 lbs	630kg
Packing Dimensions	63.1 x 23.6 x 33.4"	1605 x 600 x 850mm

C.W.L Continuous running water level