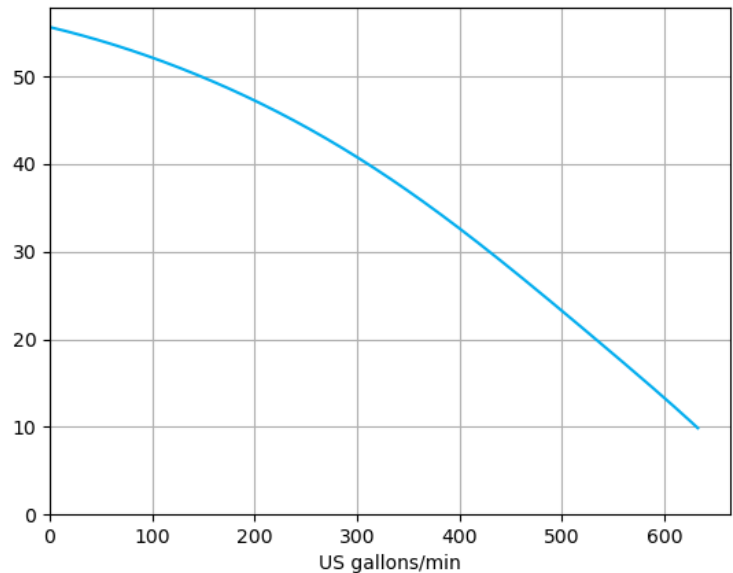




Pump Curve



Overview

- Heavy duty cast iron submersible slurry pump
- Agitator assists smooth suction of the pumped fluid, and helps prevent solids build up around the pump suction.
- The side-flow top-discharge design keeps the motor cool, even when the pump is operated continuously with its motor out of the water, which means that the continuous running level is very low.
- This pump is suitable for transferring or draining drilling mud, draining dirty water in civil engineering works, foundations, etc.
- Thermally protected motor
- Approved control panel recommended
- Available with bare end or plug

Applications

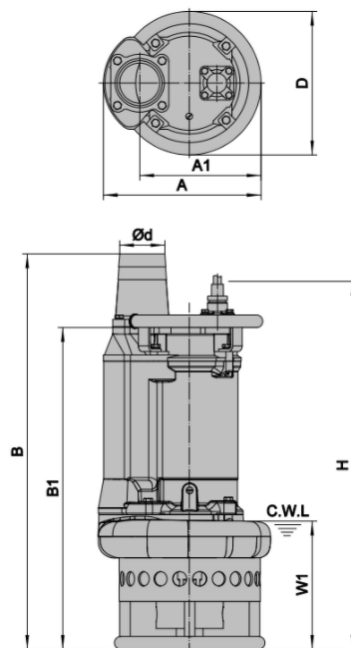
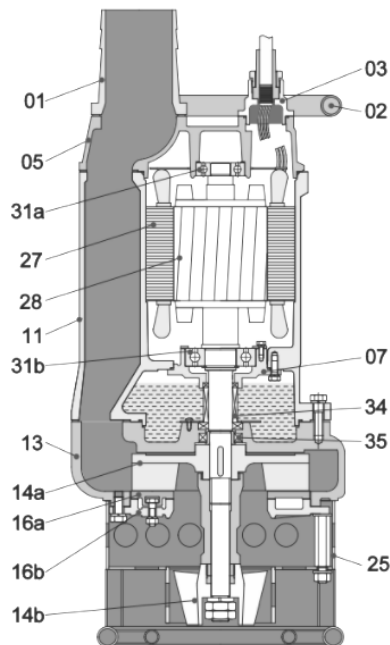
- Mine & quarry dewatering of silty water
- Light slurry transfer
- Recycled water transfer
- Effluent return
- Civil engineering

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	AW 4-600 TC
Discharge Size	4" / 100mm
Volts / Phases / Hertz	575 / 3 / 60
Motor Power	8HP / 6kW
Shaft Speed	1750 RPM
Max Head	55.4ft / 16.9m
Max Flow Capacity	144 m3/h / 2400lpm
Strainer Hole Size	1 3/16 " / 30mm
Solids Passage	1 3/16 " / 30mm
Max Water Temperature	104°F / 40°C
Cable Length	66ft / 20m
Cable Type	Servoflex 584
FLA / LRA	9.3 / 56
Recommended Generator Size	36kW
Electrical Tolerance	+/- 10% V
Net Weight (N.W)	310 lbs / 141kg
Gross Weight (G.W)	332 lbs / 151kg
Unit Dimensions	34.6 x 17.7 x 17.9" / 880 x 450 x 455mm
Product Code	



Materials of Construction

Item No.	Part Name	Material
1	Hose coupling	Cast iron
2	Handle	Steel
5	Upper cover	Cast iron
7	Bearing house	Cast iron
11	Motor body	Cast iron
13	Pump body	Cast iron
14a	Impeller	High chrome alloy
14b	Agitator	High chrome alloy
16a	Inlet plate	High chrome alloy
16b	Inlet plate	Cast iron
25	Strainer	Steel
27	Stator	
28	Rotor	Shaft: AISI420SS
31a	Bearing	Ball bearing
31b	Bearing	Ball bearing
34	Mechanical seal	Sic-Sic/Sic-Sic
		Tc-Sic/Sic-Sic(≥15kW)
35	Oil seal	
47	Cable	

Dimensions

d	3.93"	100mm
A	16.3"	415mm
A1	12"	305mm
B	33.2"	844mm
B1	26.8"	682mm
D	14.6"	373mm
H	30.2"	768mm
W1	9.84"	250mm
N.W	310 lbs	141kg
G.W	332 lbs	151kg
Dimensions	34.6 x 17.7 x 17.9"	880 x 450 x 455mm

C.W.L Continuous running water level