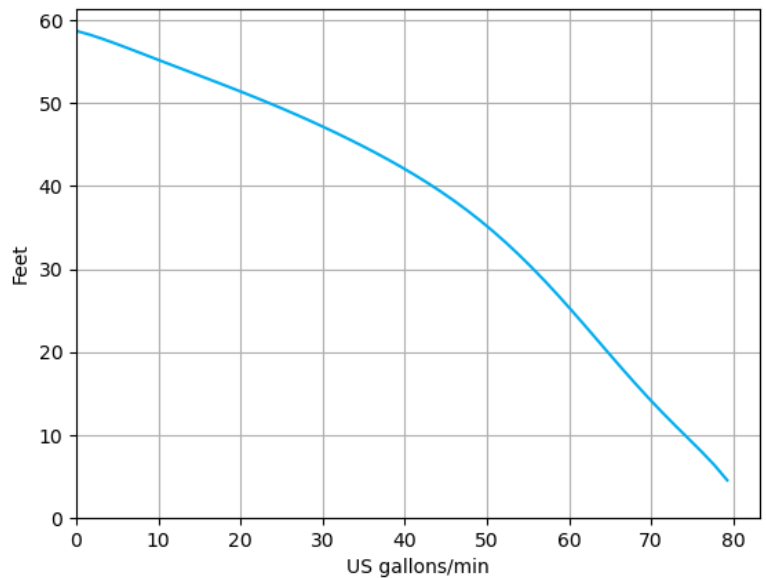




Pump Curve



Overview

- Semi vortex impeller design minimises clogging.
- Built-in shaft mounted agitator helps to prevent air locks and reduces clogging.
- Approved control panel recommended for thermal protection
- GFI protected control panel recommended
- Available with bare end or plug

Applications

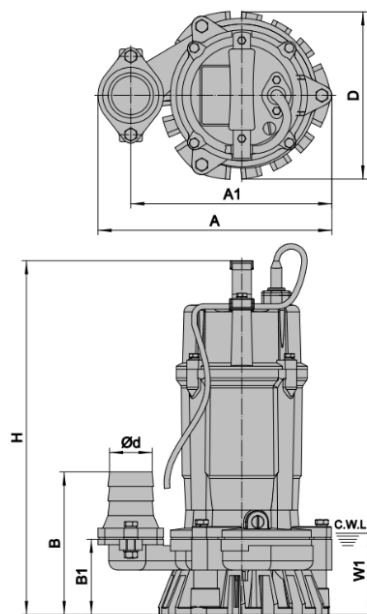
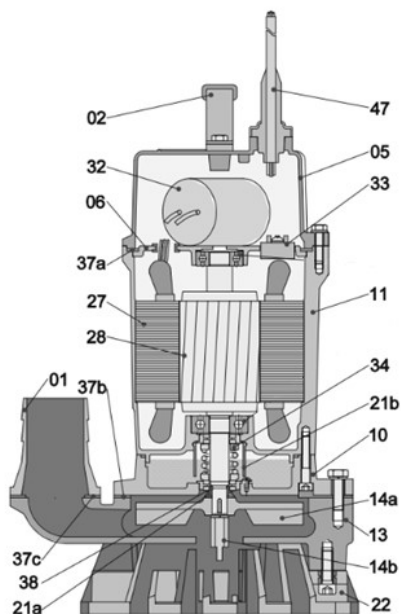
- Recycled water transfer
- Rainwater drainage
- Silty or cementitious sump transfer duties
- Construction sites
- Civil engineering

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 3-075 SM
Discharge Size	3" / 80mm
Volts / Phases / Hertz	115 / 1 / 60
Motor Power	1 HP / 0.75kW
Shaft Speed	3450 RPM
Max Head	59ft / 18m
Max Flow Capacity	79 gpm / 300 lpm
Strainer Hole Size	1/4th / 6mm
Solids Passage	1/4th / 6mm
Max Water Temperature	104°F / 40°C
Cable Length	33ft / 10m
FLA / LRA	9.6A / 42A
Recommended Generator Size	5kW
Electrical Tolerance	+/- 10% V
Net Weight (N.W)	39.6lbs / 18kg
Gross Weight (G.W)	41.9lbs / 19kg
Unit Dimensions	17.5 x 11.6 x 10.0" / 445 x 295 x 255mm
Product Code	PI5385



Materials of Construction

Item No.	Part Name	Material
1	Hose coupling	Cast iron
2	Handle	Rubber and steel
5	Upper cover	Aluminium die casting
6	Up-bearing house	Cast iron
10	Seal house	Cast iron
11	Motor body	Aluminium die casting
13	Pump body	Cast iron
14a	Impeller	Ductile iron
14b	Agitator	Stainless steel
21a	Sand guard	NBR
21b	Oil riser	LDPE
22	Seat assembly	PU
27	Stator	
28	Rotor	Shaft: AISI420SS
32	Capacitor	
33	Motor protector	
34	Mechanical seal	Ceramic-Sic/Carbon-Ceramic
37a	Gasket	NBR
37b	Gasket	NBR
37c	Gasket	NBR
38	Shaft sleeve	AISI420SS
47	Cable	SOOW / SJOW / GGC

Dimensions

d	3.14"	80mm
A	11.18"	284mm
A1	9.21"	234mm
B	8.46"	215mm
B1	4.29"	109mm
D	7.28"	185mm
H	15.35"	390mm
W1	3.34"	85mm
N.W	39.68lbs	18kg
G.W	41.88lbs	19kg
Packing Dimension	17.51 x 11.61 x 10.03"	445 x 295 x 255mm

C.W.L Continuous running water level