ASWP Series

Submersible Sewage Pumps





FEATURES

- Dry type submersible induction motor.
- Class 'F' motor insulation.
- Stainless steel shaft and fasteners to enhance life.
- Chemical resistant coating on impeller and casing to improve life and performance.

Non-Clogging

Large channel casing and single vane impeller allow large floating solids to pass through. Can handle solids up to 50 mm in size.

Cable Sealing

Resin filled cable connectors prevent water from entering the motor through the cable wire.

Enhanced Motor Life

Dual mechanical seals prevent water from entering the oil chamber from the pump as well as the dry motor from the oil chamber.

PRODUCT DATA

Pump range : 1.5HP to 10HP, Three Phase 380V, 50Hz

Head range : Upto 43m
 Discharge range : Upto 108m³hr
 Solid handling size : 25mm to 50mm
 Delivery size : 50mm to 100mm

PRODUCT IDENTIFICATION

ASWP 37 P

Product Type _____ with Control panel and float

Power (kW*10) _____

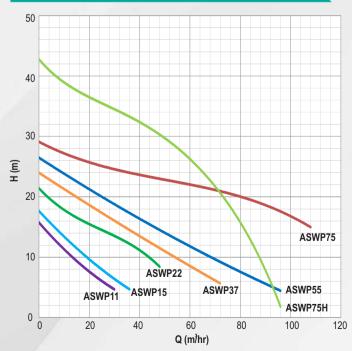
AQUATEX ASWP pumps are heavy duty sewage pumps driven by high performance dry type submersible induction motors.

APPLICATIONS

 Transferring raw sewage from collection tank to primary settling tank in sewage treatment plants.



PERFORMANCE CURVE

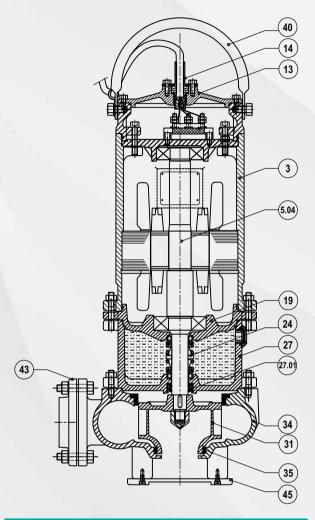




Submersible Sewage Pumps

MATERIALS OF CONSTRUCTION

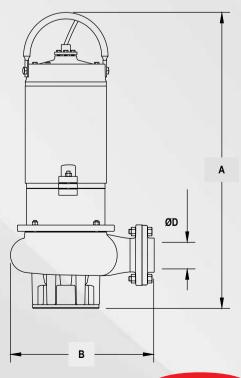
ASWP11 / ASWP15 / ASWP22 / ASWP37 / ASWP55



Part No.	Component	Material		
3	Stator Body	CI, FG 200		
5.04	Motor Shaft	SS, AISI 410		
13	Cable Cover	CI, FG 200		
14	Cable Bush	Nitrile Rubber		
19	Bearing Housing	CI, FG 200		
24	Mechanical Seal	Silicon vs Silicon		
		Carbon vs Ceramic		
27	Oil Chamber	CI, FG 200		
27.01	Lip Seal	SS + Nitrile Rubber		
31	Impeller	CI, FG 200		
34	Casing	CI, FG 200		
35	Wear Ring	Leaded Bronze		
40	Handle	SS, AISI 304		
43	Delivery Flange	CI, FG 200		
45	Casing Plate	CI, FG 200		

DIMENSIONS AND WEIGHT

Pump Type	Power		Dimensions (in mm)		Solid Handling size	Weight	
	HP	kW	Α	В	øD	mm	kg
ASWP11	1.5	1.1	685	281	50	25	66
ASWP15	2.0	1.5	715	306	50	30	94
ASWP22	3.0	2.2	751	347	65	35	99
ASWP37	5.0	3.7	872	413	75	40	147
ASWP55	7.5	5.5	872	413	75	40	150



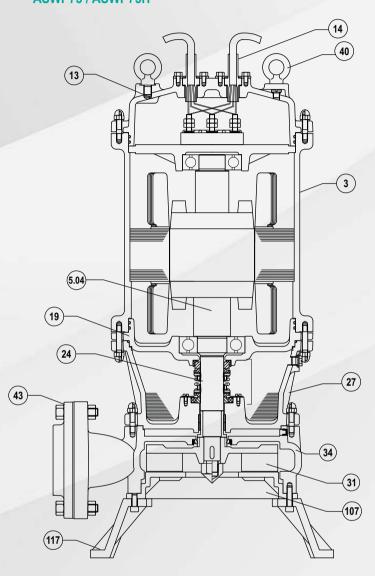
ASWP Series

Submersible Sewage Pumps



MATERIALS OF CONSTRUCTION

ASWP75 / ASWP75H



Part No.	Component	Material		
3	Stator Body	CI, FG 200		
5.04	Motor Shaft	SS, AISI 410		
13	Cable Cover	CI, FG 200		
14	Cable Bush	Nitrile Rubber		
19	Bearing Housing	CI, FG 200		
24	Machaniaal Coal	Silicon vs Silicon		
	Mechanical Seal	Carbon vs Ceramic		
27	Oil Chamber	CI, FG 200		
31 -	Impeller (ASWP75)	CI, FG200		
	Impeller (ASWP75H)	SS, CF8		
34	Casing	CI, FG 200		
40	Eye Bolt	CI, FG 200		
43	Delivery Flange	CI, FG 200		
107	Wear Plate	CI, FG 200		
117	Leg	CI, FG 200		

DIMENSIONS AND WEIGHT

Pump Type	Power		Dimensions (in mm)		Solid Handling size	Weight	
	НР	kW	Α	В	øD	mm	kg
ASWP75	10.0	7.5	825	450	100	50	160
ASWP75H	10.0	7.5	770	390	75	50	155

