



**DAVIES PUMPS**  
SINCE 1931

# DAVIES SSX SERIES SUBMERSIBLE

### Features:

- Strong and durable 304 stainless steel construction
- Mechanical seal and Lip seal in oil bath
- Top discharge 32mm (1 1/4")
- Float switch options for automatic operation (Canister or Cable)
- 10m power lead
- Maximum liquid temperature: +50°C
- Built in thermal overload
- Max depth: 5m



### SSX SERIES SUBMERSIBLE

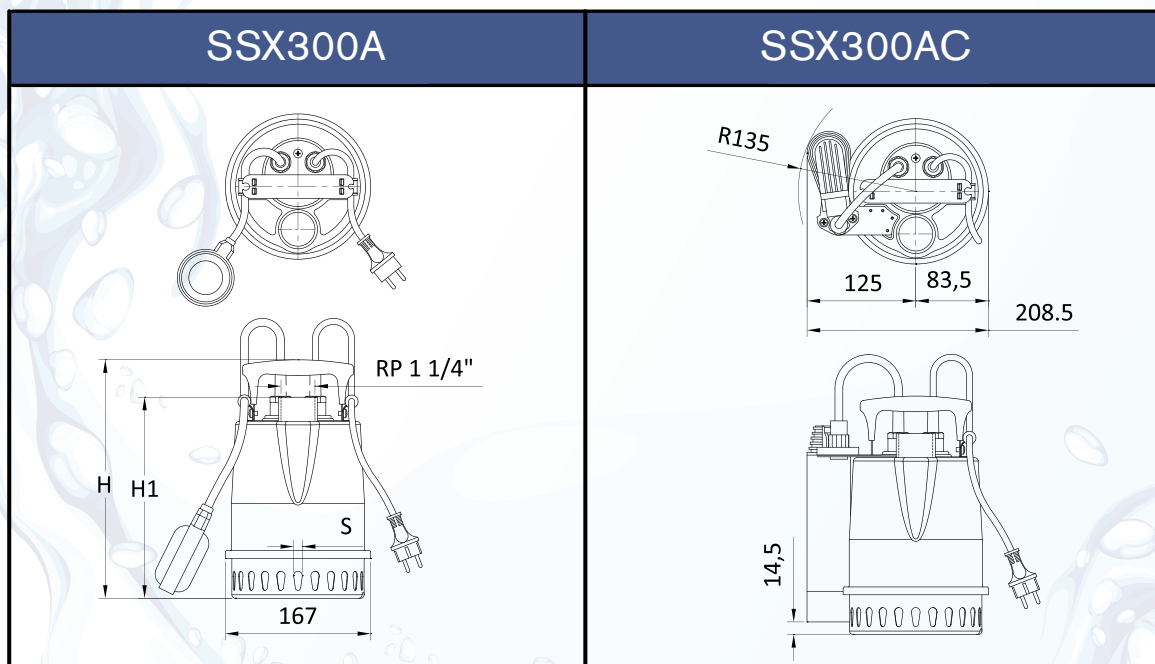
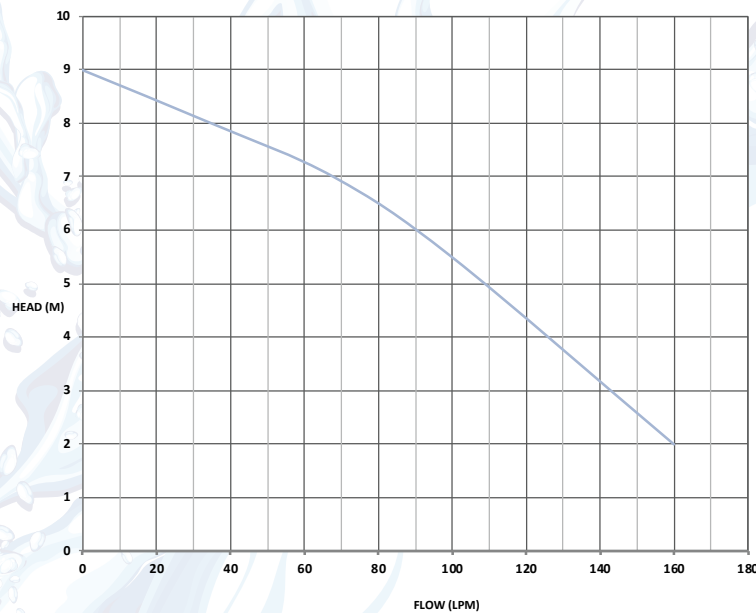
Part No.	HP	kW	Phase	Volts	Amps	Float Switch
240-SSX300	0.33	0.25	1	230	2.0	No
240-SSX300A	0.33	0.25	1	230	2.0	Yes
240-SSX300AC	0.33	0.25	1	230	2.0	Yes



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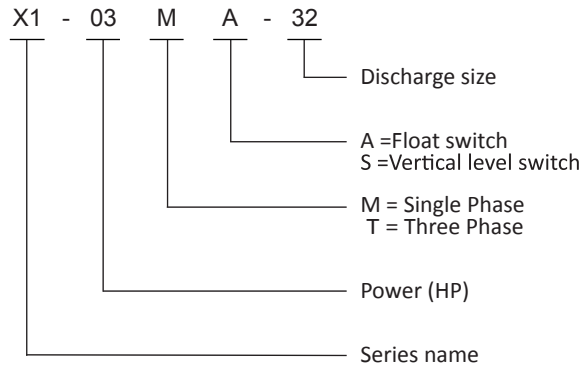
The Davies Pumps SSX series submersible pumps are a durable stainless, compact high performing drainage pump for construction sites, swimming pool and small storm water cesspit drainage and many other applications. Available without float switch or with cable type or vertical canister type float switch. The impeller is open faced to allow up to 10mm solids and the pump can also have a low suction screen which allows the pump to suck down to 5mm. The top discharge design reduces space usage for tight installs and cools the motor even while running partially submerged.

Removable low suction skirt to allow draining down to 5mm.



# X1 SERIES - Submersible Pump

## Model code



## Feature

Stainless Steel Series electric submersible drainage pumps  
Compact design with Top Discharge Outlet reduces space usage for installation in small manholes, for use in domestic, installations and small featured works.

Two different types of lever sensors:

- Mechanical activated float switch with cable extender (A)
- Vertical Mechanical activated Float Switch with casement (S)

Top discharged cools and removes heat from the motor through the outlet. It allows these pumps to be used even when only partially submerged.

Every model undergoes hydrostatic testing for leakage from the casing and mechanical seals.

## Application

- Domestic drainage
- Grey water drainage.
- Koi pond
- Light waste water discharge.
- Hydro-sanitary
- Emergencies flooding pumping in homes
- Fountain and landscape
- Drainage pumping.
- Livestocks

## Motor

- Motor Type: 2 POLE, dry type
- Frequency: 50Hz
- Insulation Class: F class (155°C)
- Nominal Speed: 2850 rpm

## Operation Conditions

- Liquid Temperature: up to 50°C (122°F)
- MAX.depth: 5M

## Pump

- Enclosure Protection Class: IP 68
- Protector: thermal protection, built-in (single phase)
- Insulation Class: F class (155°C)
- Bearing: double sealed with steel cage
- Mechanical seal: unbalance single mechanical seal bath in oil with spring type oil seal

No.	Component	Material
1	Cable	H05RN-F
2	Float switch	Plastic
3	Handle	NY66+G30
4	Motor cover	AISI 304
5	Motor housing	AISI 304
6	Oil Seal	NBR
7	Mechanical seal	Carbon Graphite Ceramic / NBR/ 304
8	Shaft	AISI 410
9	Pump housing	AISI 304
10	Impeller	AISI 304
11	Pump casing	AISI 304
12	Strainer	AISI 304
13	Spring washer	AISI 304
14	Hex Domed Nuts	AISI 304

