

## Horizontal Agriculture & Sea Water Transfer Pumps

### SW Series

#### Applications

- Suitable to transfer large volume of water
- Agricultural usage for flowering plant, farming area, field
- Sea water transfer to aquarium, fish farm
- Industrial water transfer

#### Working Conditions

Transporting medium	Clean water from well, river or lake, sea industrial
Max working Pressure	8 kg/cm <sup>2</sup> g
Maximum ambient temperature	+40°C
Working Temperature Range	-15°C - +40°C
Max Suction Head	8m
Pump can be used at full load without overloading motor	

#### Materials of Construction

Casing, back cover, impeller	Engineering Plastic Polypropylene + GF 30%
Pump Shaft	SS420
Sleeve Sealing	NBR O-Rings
Jet & Venturi	Glass filled engineering plastic

#### Features

- Easy to carry and treat by a handle
- Durable against sea water as compared with cast iron
- Light to handle (12kg)
- CE approved
- High Quality
- High Reliability
- Ease in operation
- Unique in design
- Energy Efficient

#### Model Ordering Code Instructions

SW	-	250	-	D
<b>Series</b>		<b>Motor Power</b>		<b>Phase</b>
SW - Horizontal Agricultural & Sea Water Transfer Pump		250 - 0.25 kW		D - Single Blank - Three

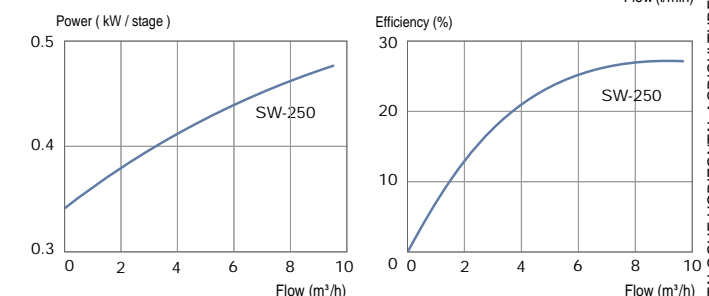
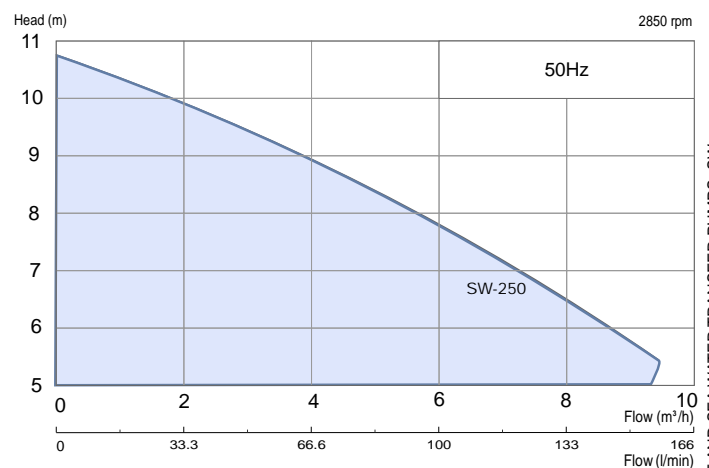


SW Series

#### Motor Specifications

Type	T.E.F.C - 2 Pole
Speed	2900 rpm
Frequency	50 Hz
Single phase voltage	220 V (±5%)
Insulation class	F / B
Protection class	IP55 / IP54
Duty	Continuous
Motor case	Aluminum alloy
Altitude	↑1000 m

#### Performance Curves

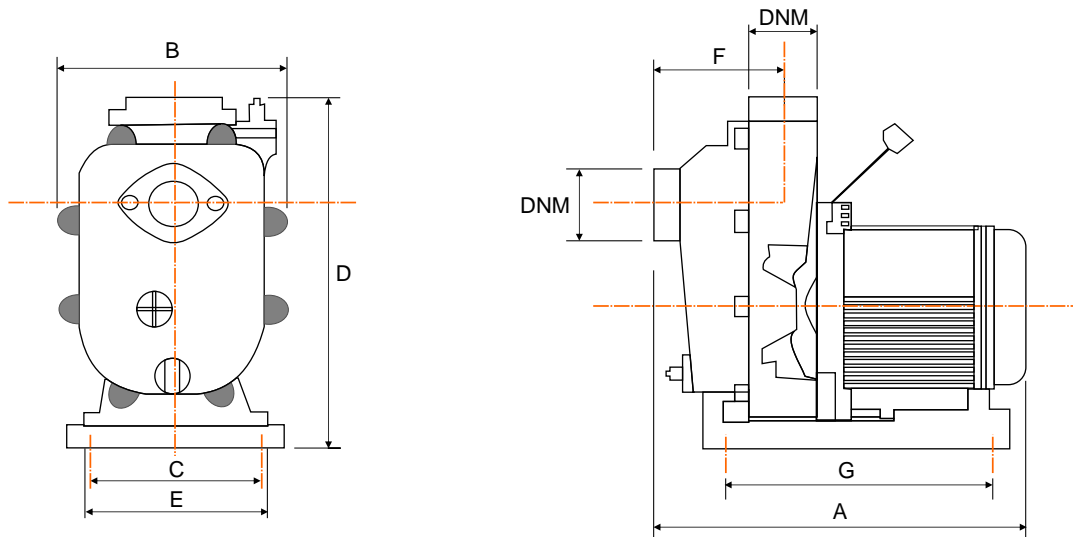




## Horizontal Agriculture & Sea Water Transfer Pumps

### SW Series

#### Outline Diagram



#### Dimensions

Model	Dimensions (mm)									Weight Kg.
	A	B	C	D	E	F	G	DNA	DNM	
SW 250	345	200	142	315	170	125	280	38 (1½")	38 (1½")	12

#### Performance Data

Model	Power		Voltage V	Speed RPM	Pump Diameter mm	Flow				
	kW	HP				m <sup>3</sup> /hr	0	4.5	7.5	9.0
						l/min	0	75	125	150
SW 250	0.25	0.37	220	2850	38 (1½")	Head				
						m	10.7	8.2	6.2	5.1

Water test temp: 20°C

Performance Limits: ISO2548

Std Class C pumps

Speed: 2850 rpm

## WATER MANAGEMENT SYSTEMS

# Shah Pneumatics

Regd. Office: 28-30 Navketan Indl. Estate, Mahakali Caves Road, Andheri ( East ), Mumbai- 400 093. INDIA.  
 Telephone: +91-22-6695 1090-94. Facsimile: +91-22-2687 5317  
 Email: shahpneu@bom3.vsnl.net.in  
 Website: www.shah-pneumatics.com

FOR DISTRIBUTOR STAMP