

Document : Product Profile
 Created on : Jan 2025
Model Name : **VSWS-FH50GR**
 Model Code : 3035139
 Category : Special Purpose Pump_Sewage



General Data

Net Weight : 29.34 kg
 Size (Product) : 495x210x210mm
 Declared Voltage : 240V 1Ph AC
 Voltage Band : 240V-180V
 Power : 1.1kW / 1.5HP
 Rated Speed : 2800 RPM
 Pipe Size : 40mm (Delivery)
 Head - Duty Point : 10m
 Flow - Duty Point : 9000 lph
 Head Range : 5-15m
 Current Consumption : 7.5A
 Max. Solid Size : 5mm
 Ingress protection : IP 68

Applications

Domestic sewage
 Sewage treatment plants

Operating Conditions

Max. Liquid Temperature 40 deg C.
 Fully Submerged Continuous Operation

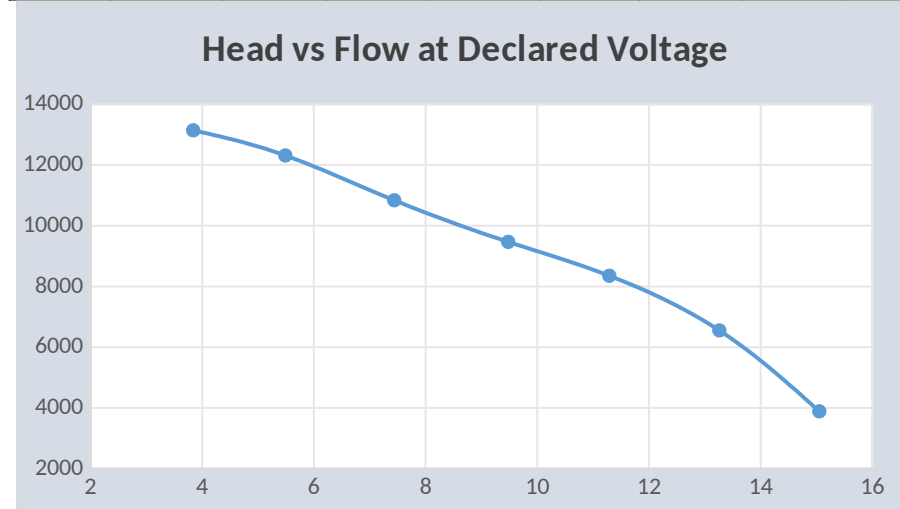
Warranty

12 Months

Material Spec.

Part	Material
Casing	Cast Iron
Bracket	Cast Iron
Top Cover	Cast Iron
Flange	Cast Iron
Impeller	Cast Iron
Body	Cast Iron
Shaft	Stainless Steel
Hardware	Stainless Steel

Pump Performance at Declared Voltage								
Head	Meter	4	5	7	9	11	13	15
	Feet	13	16	23	30	36	43	49
Flow	LPM	219	205	181	157	139	109	64
	LPH	13140	12312	10836	9468	8352	6552	3888



Other Details

Motor type : Dry type
 Pump side sealing : Mechanical Seal
 Seal Lubricant : Oil for food machinery & pharmaceutical use
 Cable : 7.5m Length

Resistance :

2.3 Ohm (Main) & 5.9 Ohm (Aux)

This performance is based on our lab testing at rated voltage and slight variations may be there in actual working condition. Again, these details may change based on the modifications made from time to time.

SPARE LIST

No	Code	Component Description
1	2124893	CASING VSWS-FH50GR SPP
2	2124892	IMPELLER VSWS-FH50GR SPP
3	2124891	OIL SEAL VSWS-FH50GR SPP
4	2124890	SEAL CHAMBER COVER VSWS-FH50GR SPP
5	2124889	MECHANICAL SEAL VSWS-FH50GR SPP
6	2124888	BRACKET VSWS-FH50GR SPP
7	2124887	O RING BODY SEAT VSWS-FH50GR SPP
8	2124886	ROTOR WITH SHAFT VSWS-FH50GR SPP
9	2124885	MOTOR BODY VSWS-FH50GR SPP
10	2124884	END COVER VSWS-FH50GR SPP
11	2124883	RUNNING CAPACITOR 30mfd VSWS-FH50GR SPP
12	2124882	STARTING CAP 150mfd VSWS-FH50GR SPP
13	2124881	TOP COVER VSWS-FH50GR SPP
14	2124880	HANDLE VSWS-FH50GR SPP
15	2124876	DEL: FLANGE WITH COLLAR VSWS-FH50GR SPP
16	2124879	MAIN CUTTER VSWS-FH50GR SPP
17	2124878	AUXILLARY CUTTER VSWS-FH50GR SPP
18	2124877	ELECTRONIC SWITCH VSWS-FH50GR SPP
19	2125058	FLOAT SWITCH VSWS-FH50GR SPP
20	2125057	CONTROLLER BOX VSWS-FH50GR SPP
21	2125055	OVERLOAD PROTECTOR VSWS-FH50GR SPP
22	2125054	PANEL BOX SWITCH VSWS-FH50GR SPP