

Document : Product Profile
 Created on : January 2024
Model Name : VSWST-0345US
 Model Code : 3007947
 Category : Special Purpose Pump_Sewage



General Data

Net Weight : 27 kg
 Size (Product) : 260x210x500mm
 Declared Voltage : 415V 3Ph AC
 Voltage Band : 440V–280V
 Power : 2.25kW / 3HP
 Rated Speed : 2800 RPM
 Pipe Size : 75mm (Delivery)
 Head Range : 5-13m
 Flow Range : 45000-9000 lph
 Current Consumption : 5A
 Connection : STAR
 Max. Solid Size : 30mm
 Ingress protection : IP68

Applications

Domestic sewage & Effluent liquids
 Sewage treatment plants
 Agriculture Irrigation

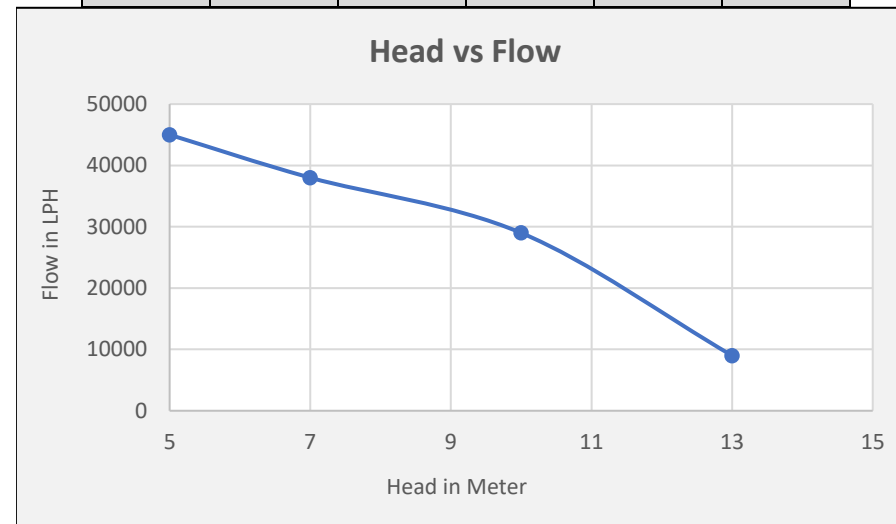
Operating Conditions

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

Warranty

12 Months

Pump Performance at Declared Voltage					
Head	Meter	5	7	10	13
	Feet	16	23	33	43
Flow	LPM	750	633	483	150
	LPH	45000	38000	29000	9000



Material Spec.

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

Other Details

Motor type : Dry type
 Pump side sealing : Mechanical Seal
 Seal Lubricant : Oil for food machinery & pharmaceutical use
 Cable : 9m Length
Resistance : 4.6 Ohm

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.