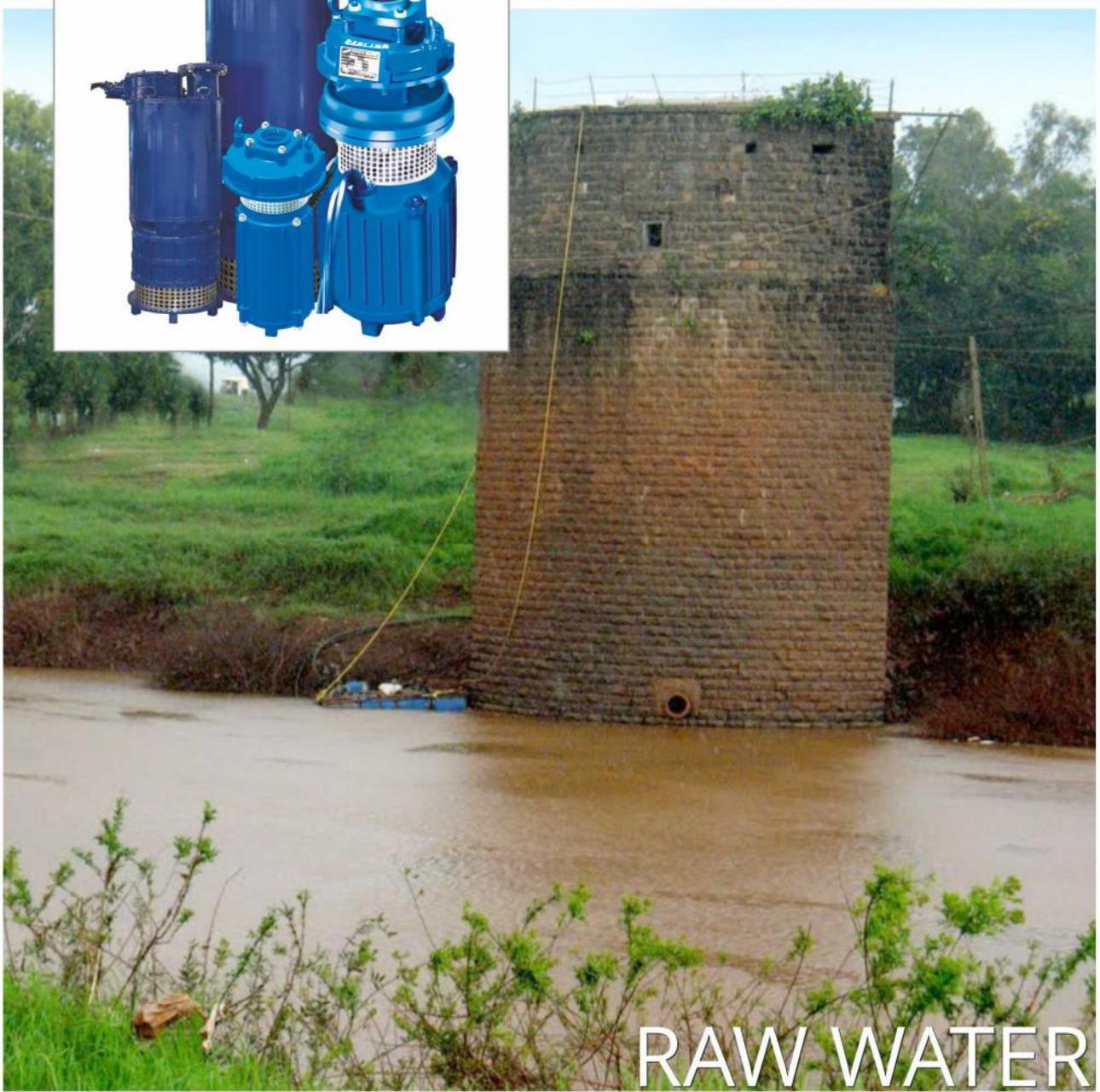




DARLING[®]
PUMPS

Designing SMART pumping solutions...

Redefining Raw water pumping...



RAW WATER

Submersible Vertical Turbine Pumps - SVT Series

Applications

- River water pumping
- Intake water supply for various industries
- Water Treatment plants
- Sea water pumping
- Irrigation & Water supply projects
- Fire Fighting
- Cooling Towers
- Dry dock applications
- Flood control
- & many more similar applications...



Features

- Compact vertical design, consuming less space - convenient and balanced installation
- No pump house required, can be run even during peak summer season
- Equipped with mechanical seals and ball bearings which increases reliability of pump in case of highly turbid water
- Axial load balancing system gives increased bearing life
- Diffuser design ensures no radial load
- Special wear resistant material helps to avoid frequent wear and tear of impeller and wear ring
- Easy to maintain compared to VT pumps

Denominations

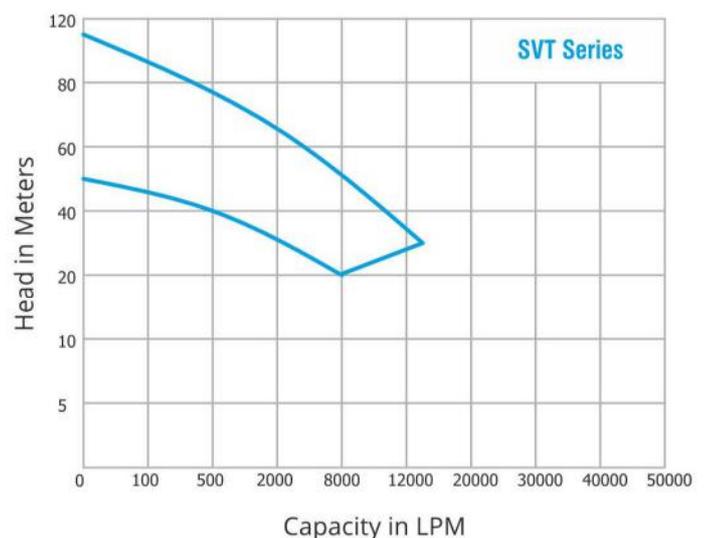
Product Code	SVT / 4WPD
Installation	Vertical
Impeller Characteristic	Radial
Discharge Connection	80/100/150/200 mm

Process Data

Liquid Temperature	Max 40°C
Liquid Density	Max 1100 kg/m ³
Suitable for Liquid pH	6 to 8
Strainer Hole Size	Up to 8 mm

Technical Specifications

Flow	: Up to 14000 LPM
Head	: Up to 110 m
Rating	: 37kW to 150kW
Frequency	: 50Hz
Supply	: Three Phase - 415 V
Motor	: Wet type / Dry Type
RPM	: 2900 / 1450 (nominal)
Materials	: Cast Iron, Various grades of SS, Bronze, Gun Metal, Duplex



Heavy Duty Open Well Submersible Pumps - S & M Series

Applications

- Pumping Water From UG Tank to OH Tank in Housing & Commercial Complex, Hotels, Hospitals etc.
- Fountains, Waterfalls, Landscaping
- Agricultural / Irrigation Projects
- Village & Municipal Water Supply
- River water pumping
- Fire Fighting
- Cooling Towers
- & many more similar applications...



Features

- Compact vertical design, higher heads in lesser number of stages
- Option of dry/oil filled motors
- Mechanically sealed design - virtually maintenance free
- Use of anti-friction ball bearings allows pump to be installed in inclined position
- Provision to use these pumps on VFD can also be made
- Choice of different MOCs
- Special series for pumping hot temperature liquids

Denominations

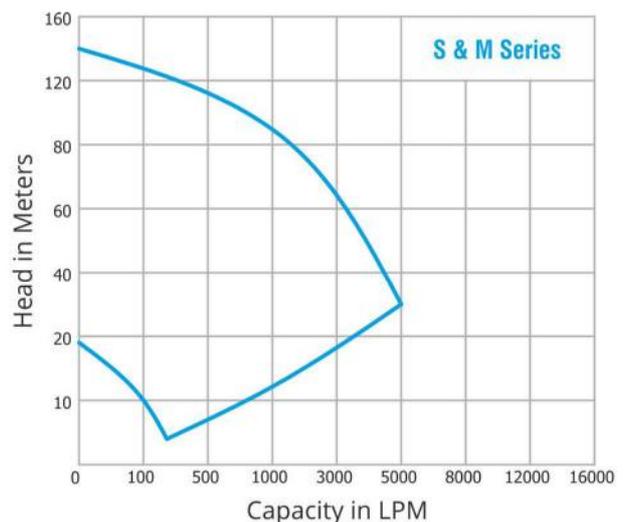
Product Code	S & M
Installation	Vertical / inclined
Impeller Characteristic	Radial / closed
Discharge Connection	50/65/80/100/150 mm

Process Data

Liquid Temperature	Max 40°C
Liquid Density	Max 1000 kg/m ³
Suitable for Liquid pH	6 to 8
Strainer Hole Size	Up to 8 mm

Technical Specifications

Flow	: Up to 5000 LPM
Head	: Up to 140 m
Rating	: 2.2kW to 90kW
Frequency	: 50Hz
Supply	: Three Phase - 415 V
Motor	: Wet type / Dry Type
RPM	: 2900 (nominal)
Metals We Do	: Cast Iron, Various grades of SS, Bronze, Gun Metal, Duplex



	APPLICATIONS	PRODUCTS		
		SVT	S & M	HT*
INDUSTRIAL	Intake water supply	✓	✓	
	Cooling towers	✓	✓	
	Hot water pumping			✓
GOVT. SECTOR	Irrigation projects	✓	✓	
	Water supply schemes	✓	✓	
	Flood control	✓	✓	
DOMESTIC	Domestic / Commercial water supply		✓	
	Fountains/Waterfalls/Landscaping		✓	
	Agriculture farming	✓	✓	

Applications mentioned above are not conclusive, these pumps can be offered for many more similar applications.

*Hot Liquids Series



Our Product Range

- Clear Water Pumps • Raw Water Pumps • Dewatering Pumps • Waste Water Pumps
- Vertical Wet Pit Pumps • Sewage Handling Pumps • Slurry Handling Pumps
- Pump Control Systems ...and various pumping accessories

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