

COMMITTED TO QUALITY



SINCE - 2012

PUMPNG SOLUTION



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PERFORMANCE DATA



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INSTRUCTIONS



-  Select and use correct size, good quality cables and starter.
-  Use recommended pipe size given in the name plate.
-  Use only ISI marked low friction pipes and food valves.
-  Install the pump, based on our recommended head range.
-  Always try to reduce the number of bends, elbow, 'T' bends in the pipe line .
-  Pump should not be run dry. Dry run preventer can be installed to avoid seizure.
-  Always install a **S PRO PUMP'S** Control panel for all **S PRO** submersible pumps.
-  Fill clear,cold,fresh water for all open well submersible pumps before installation.
-  Employ a technically qualified person for erecting.
-  Provide proper earthing to the pump set to avoid electric shocks.
-  Always switch off the electrical power before working on or around the pump set,to avoid any fatal electric shock or injury.
-  The performance data are at rated voltage and depends on the yield of the well.
-  The pump are only suitable for pumping clear cold, Non -aggressive, Non-explosive water without abrasives, solid particles or fibers.

Centrifugal Monobloc Pump



Premium Range

MATERIAL OF CONSTRUCTION

Motor and Pump Body	: Cast Iron
Impeller	: Noryl, Castiron
Mechanical Seal	: Carbon & Ceramic
Bearing	: High Quality Ball Bearing
Cooling Fan	: Polypropylene
Shaft	: SS 410
Hardware Fasteners	: Stainless Steel
Winding Wire	: High-Grade Enamelled copper

Features:

- Easy insulations and low power consumption.
- All internal parts are coated with primer to avoid corrosion.
- High Efficiency.

Application:

-  Domestic
-  Gardens
-  Agri and Farms

Specifications

Rated Voltage	: 230V
Voltage Range	: +/-5%
Frequency	: 50Hz
Phase	: Single
HP/kw	: 0.5 / 0.37
RPM	: 2880
Head Range	: 12 to 21m
Pump Size(MM)	: 25 x 25
Class of Insulation	: F
Type of Duty	: S1 (continuous)
Method of Rotation	: PSC
Direction of Rotation	: Clock wise
Maximum Suction	: 7 Meter
Current	: 3.5 Amp
Rated Head	: 18M
Rated Dis	: 60 Lpm


05HH
SM SERIES

Performance Data

Model	Power		Pipe Size (mm)		Total Head in meters/Feet and Discharge in LPM						
	Kw	HP	Suc	Del	M	6	9	12	15	18	21
					F	20	30	40	50	60	70
SM05HH	0.37	0.5	25	25	LPM	*	*	104	90	60	36

Centrifugal Monobloc Pump



Premium Range

MATERIAL OF CONSTRUCTION

Motor and Pump Body	: Cast Iron
Impeller	: Noryl, Castiron
Mechanical Seal	: Carbon & Ceramic
Bearing	: High Quality Ball Bearing
Cooling Fan	: Polypropylene
Shaft	: SS 410
Hardware Fasteners	: Stainless Steel
Winding Wire	: High-Grade Enamelled copper

Features:

- Easy insulations and low power consumption.
- All internal parts are coated with primer to avoid corrosion.
- High Efficiency.

Application:

- Domestic
- Gardens
- Agri and Farms

Specifications

Rated Voltage	: 230V
Voltage Range	: +/-5%
Frequency	: 50Hz
Phase	: Single
HP/kw	: 1.5 /1.1
RPM	: 2880
Head Range	: 24 to 42m
Pump Size(MM)	: 25 x 25
Class of Insulation	: F
Type of Duty	: S1 (continuous)
Method of Rotation	: PSC
Direction of Rotation	: Clock wise
Maximum Suction	: 7 Meter
Current	: 9.0 Amp
Rated Head	: 36 M
Rated Dis	: 72 Lpm


11HH
SM SERIES

Performance Data

Model	Power		Pipe Size (mm)		Total Head in meters/Feet and Discharge in LPM												
	Kw	HP	Suc	Del	M	6	9	12	15	18	21	24	27	30	33	36	42
					F	20	30	40	50	60	70	80	90	100	110	120	137
SM11HH	1.1	1.5	25	25	LPM	160	160	145	145	145	145	145	145	120	120	72	28

Centrifugal Monobloc Pump



Premium Range

MATERIAL OF CONSTRUCTION

Motor and Pump Body	: Cast Iron
Impeller	: Castiron
Mechanical Seal	: Carbon & Ceramic
Bearing	: High Quality Ball Bearing
Cooling Fan	: Polypropylene
Shaft	: SS 410
Hardware Fasteners	: Stainless Steel
Winding Wire	: High-Grade Enamelled copper

Features:

- Easy insulations and low power consumption.
- All internal parts are coated with primer to avoid corrosion.
- High Efficiency.

Application:

-  Domestic
-  Gardens
-  Agri and Farms

Specifications

Rated Voltage	: 230V
Voltage Range	: +/-5%
Frequency	: 50Hz
Phase	: Single
HP/kw	: 1.5 /1.1
RPM	: 2880
Head Range	: 06 to 25m
Pump Size(MM)	: 50 x 40
Class of Insulation	: F
Type of Duty	: S1 (continuous)
Method of Rotation	: PSC
Direction of Rotation	: Clock wise
Maximum Suction	: 7 Meter
Current	: 9.8 Amp
Rated Head	: 18 M
Rated Dis	: 325 Lpm


11MH
SM SERIES

Performance Data

Model	Power		Pipe Size (mm)		Total Head in meters/Feet and Discharge in LPM								
	Kw	HP	Suc	Del	M	6	9	12	15	18	21	24	27
					F	20	30	40	50	60	70	80	90
SM11MH	1.1	1.5	50	40	LPM	*	*	360	*	325	240	*	134

Centrifugal Monobloc Pump



Premium Range

MATERIAL OF CONSTRUCTION

Motor and Pump Body	: Cast Iron
Impeller	: Noryl, Castiron
Mechanical Seal	: Carbon & Ceramic
Bearing	: High Quality Ball Bearing
Cooling Fan	: Polypropylene
Shaft	: SS 410
Hardware Fasteners	: Stainless Steel
Winding Wire	: High-Grade Enamelled copper

Features:

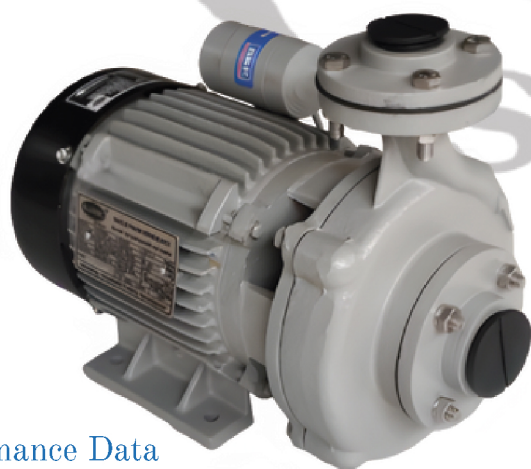
- Easy insulations and low power consumption.
- All internal parts are coated with primer to avoid corrosion.
- High Efficiency.

Application:

- Domestic
- Gardens
- Agri and Farms

Specifications

Rated Voltage	: 230V
Voltage Range	: +/-5%
Frequency	: 50Hz
Phase	: Single
HP/kw	: 1.0 / 0.75
RPM	: 2880
Head Range	: 06 to 24m
Pump Size(MM)	: 32 x 25
Class of Insulation	: F
Type of Duty	: S1 (continuous)
Method of Rotation	: PSC
Direction of Rotation	: Clock wise
Maximum Suction	: 7 Meter
Current	: 5.5 Amp
Rated Head	: 18M
Rated Dis	: 142 Lpm



01MH

SM SERIES

Performance Data

Model	Power		Pipe Size (mm)		Total Head in meters/Feet and Discharge in LPM							
	Kw	HP	Suc	Del	M	6	9	12	15	18	21	24
					F	20	30	40	50	60	70	80
SM01MH	0.75	1	32	25	LPM	184	*	*	*	142	108	63

Centrifugal Monobloc Pump



Premium Range

MATERIAL OF CONSTRUCTION

Motor and Pump Body	: Cast Iron
Impeller	: Noryl, Castiron
Mechanical Seal	: Carbon & Ceramic
Bearing	: High Quality Ball Bearing
Cooling Fan	: Polypropylene
Shaft	: SS 410
Hardware Fasteners	: Stainless Steel
Winding Wire	: High-Grade Enamelled copper

Features:

- Easy insulations and low power consumption.
- All internal parts are coated with primer to avoid corrosion.
- High Efficiency.

Application:

-  Domestic
-  Gardens
-  Agri and Farms

Specifications

Rated Voltage	: 230V
Voltage Range	: +/-5%
Frequency	: 50Hz
Phase	: Single
HP/kw	: 1.0 / 0.75
RPM	: 2880
Head Range	: 15 to 32m
Pump Size(MM)	: 25 x 25
Class of Insulation	: F
Type of Duty	: S1 (continuous)
Method of Rotation	: PSC
Direction of Rotation	: Clock wise
Maximum Suction	: 7 Meter
Current	: 6 Amp
Rated Head	: 25M
Rated Dis	: 75 Lpm


01HH
SM SERIES

Performance Data

Model	Power		Pipe Size (mm)		Total Head in meters/Feet and Discharge in LPM										
	Kw	HP	Suc	Del	M	6	9	12	15	18	21	24	27	30	33
						F	20	30	40	50	60	70	80	90	100
SM01HH	0.75	1	25	25	LPM	*	*	*	120	100	90	75	65	45	27

Centrifugal Openwell Submersible Pump



Premium Range

MATERIAL OF CONSTRUCTION

Motor and Pump Body	: SS 304 & Cast Iron
Impeller	: Noryl
Mechanical Seal	: Rubber
Volute	: Cast iron
Thrust Assembly	: SS & Carbon
Shaft	: SS 410
Hardware Fasteners	: Stainless Steel
Winding Wire	: High-Grade Pvc Insulated copper
Bush	: Bronze

Features:

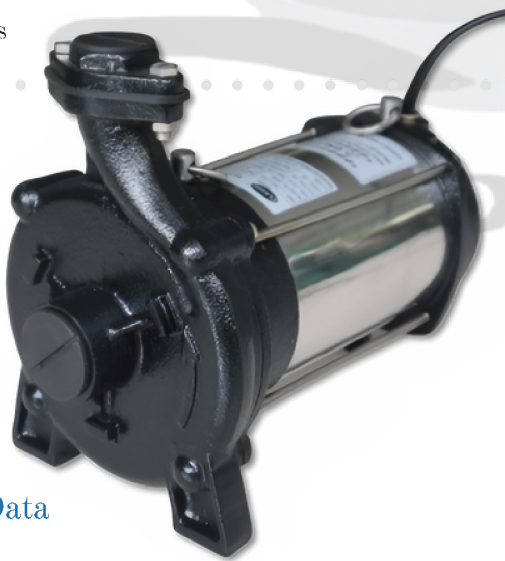
- Easy insulations and low power consumption.
- All internal parts are coated with primer to avoid corrosion.
- High Efficiency.

Application:

-  Domestic
-  Gardens
-  Agri and Farms

Specifications

Rated Voltage	: 230V
Voltage Range	: +/-5%
Frequency	: 50Hz
Phase	: Single
HP/kw	: 1.0 / 0.75
RPM	: 2880
Head Range	: 6 to 28m
Pump Size(MM)	: 32 x 25
Class of Insulation	: B
Type of Duty	: S1 (continuous)
Method of Rotation	: CSR
Direction of Rotation	: Clock wise
Current Max	: 6.5 Amp
Rated Head	: 18 M
Rated Dis	: 125 Lpm



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SOW SERIES

Performance Data

Model	Power		Pipe Size (mm)		Total Head in meters/Feet and Discharge in LPM								
	Kw	HP	Suc	Del	M	6	9	12	15	18	21	24	27
					F	20	30	40	50	60	70	80	90
SOW-55	0.75	1	32	25	LPM	*	300	240	180	125	110	75	33

Centrifugal Openwell Submersible Pump



Premium Range

MATERIAL OF CONSTRUCTION

Motor and Pump Body	: SS 304 & Cast Iron
Impeller	: Noryl
Mechanical Seal	: Rubber
Volute	: Cast iron
Thrust Assembly	: SS & Carbon
Shaft	: SS 410
Hardware Fasteners	: Stainless Steel
Winding Wire	: High-Grade Pvc Insulated copper
Bush	: Bronze

Features:

- Easy insulations and low power consumption.
- All internal parts are coated with primer to avoid corrosion.
- High Efficiency.

Application:

-  Domestic
-  Gardens
-  Agri and Farms

Specifications

Rated Voltage	: 230V
Voltage Range	: +/-5%
Frequency	: 50Hz
Phase	: Single
HP/kw	: 1.0 / 0.75
RPM	: 2880
Head Range	: 10 to 30m
Pump Size(MM)	: 32 x 25
Class of Insulation	: B
Type of Duty	: S1 (continuous)
Method of Rotation	: CSR
Direction of Rotation	: Clock wise
Current Max	: 7.5 Amp
Rated Head	: 20 M
Rated Dis	: 167 Lpm



75

SOW SERIES

Performance Data

Model	Power		Pipe Size (mm)		Total Head in meters/Feet and Discharge in LPM									
	Kw	HP	Suc	Del	M	6	9	12	15	18	21	24	27	30
					F	20	30	40	50	60	70	80	90	100
SOW-75	0.75	1	32	25	LPM	*	*	*	270	240	180	135	77	30

Centrifugal Openwell Submersible Pump



Premium Range

MATERIAL OF CONSTRUCTION

Motor and Pump Body	: SS 304 & Cast Iron
Impeller	: Noryl
Mechanical Seal	: Rubber
Volute	: Cast iron
Thrust Assembly	: SS & Carbon
Shaft	: SS 410
Hardware Fasteners	: Stainless Steel
Winding Wire	: High-Grade Pvc Insulated copper
Bush	: Bronze

Features:

- Easy insulations and low power consumption.
- All internal parts are coated with primer to avoid corrosion.
- High Efficiency.

Application:

-  Domestic
-  Gardens
-  Agri and Farms

Specifications

Rated Voltage	: 230V
Voltage Range	: +/-5%
Frequency	: 50Hz
Phase	: Single
HP/kw	: 1.0 / 0.75
RPM	: 2880
Head Range	: 10 to 30m
Pump Size(MM)	: 32 x 25
Class of Insulation	: B
Type of Duty	: S1 (continuous)
Method of Rotation	: CSR
Direction of Rotation	: Clock wise
Current Max	: 8.0 Amp
Rated Head	: 27 M
Rated Dis	: 101 Lpm



90

SOW SERIES

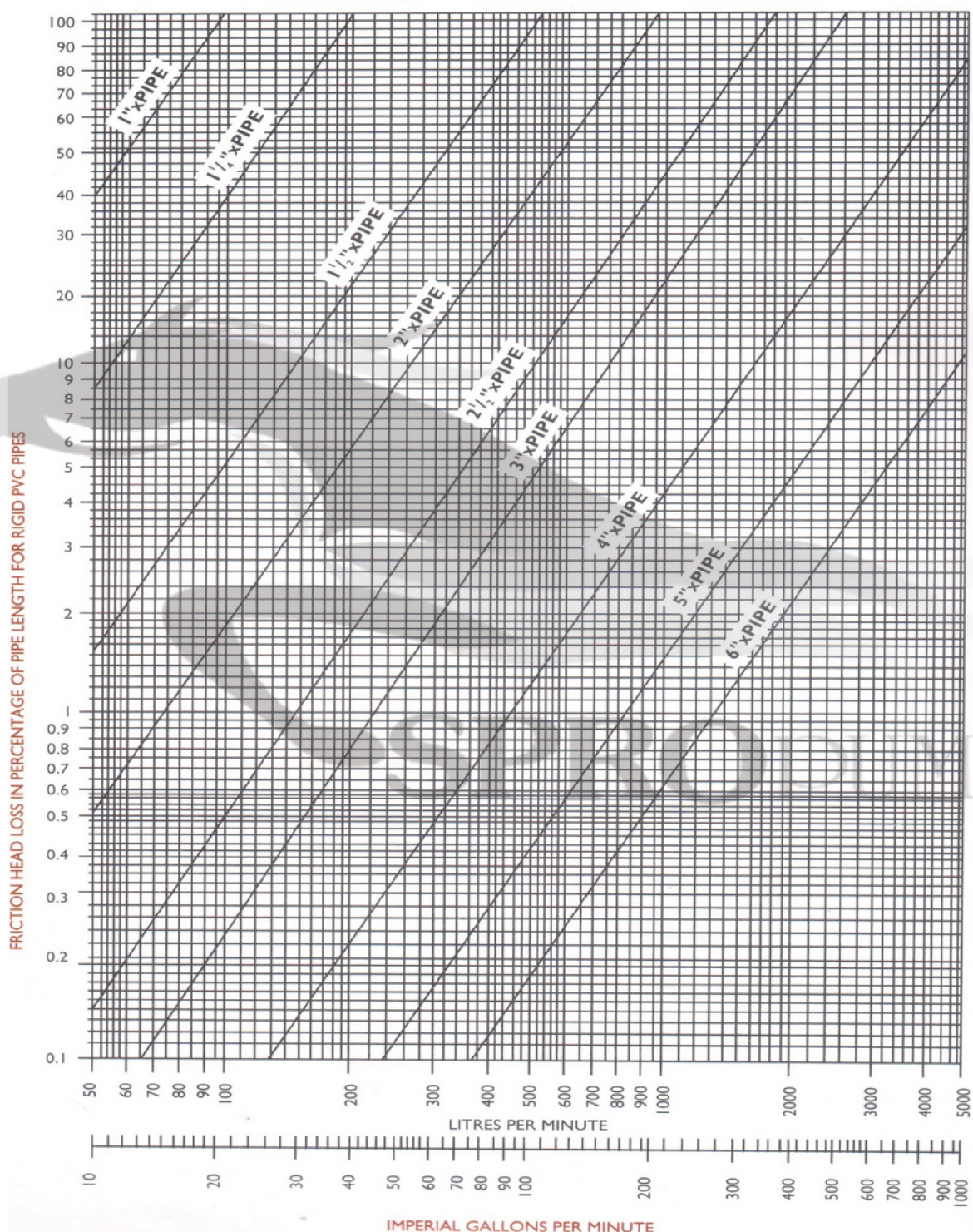
Performance Data

Model	Power		Pipe Size (mm)		Total Head in meters/Feet and Discharge in LPM											
	Kw	HP	Suc	Del	M	6	9	12	15	18	21	24	27	30	33	35
					F	20	30	40	50	60	70	80	90	100	110	120
SOW-90	0.75	1	32	25	LPM	175	170	*	160	*	*	130	101	93	66	30

Pipe friction Loss Chart



FRICITION HEAD LOSS FOR RIGID PVC PIPES





Address:

**OPP: Hss, Shankaran nambidi lane,
Arimpur, Thrissur, Kerala-680620**

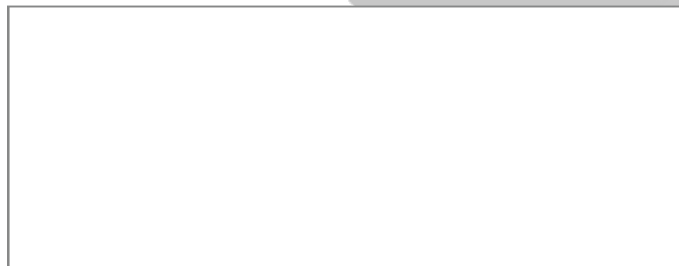
Phone:

+91 9544218437

Email:

**info@spropumps.com
spropumps@gmail.com**

Scan me!



Website:

www.spropumps.com

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