

WORLD CLASS PUMPSETS



**SINGLE PHASE
SELF PRIMING MINI MONOBLOC PUMPS**



AN ISO 9001-2015 COMPANY



WATER AS WHEN AND WHERE YOU WANT IT



`SAMSON' Single Phase Self Priming Mini Monobloc Pumps

Salient Features:

- Very convenient and reliable self priming pumps with a reasonable discharge for the house hold.
- Suitable for portable application.

Construction Features:

Motor:

- High quality extruded aluminium / Graded Cast Iron Motor body.
- Suitable for 200 - 240V, 50 Hz, A.C. Supply
- In-built thermal overload protector (T.O.P)
- Efficient permanent split capacitor for 2880 RPM Motor

Applications:

- Domestic water supply.
- Overhead storage water-tank filling.
- Water curing at construction sites.
- Pressure boosting.
- Suitable for portable application.

Pump:

- Rigid cast iron pump casing.
- Forged brass Impeller.
- Stainless Steel Shaft.
- Maintenance free ceramic Mechanical Seal.
- In-built non-return valve.

Warranty:

- All products carry 1 year warranty from the date of purchase against manufacturing defects.

Quality Policy :

Samson Industries is committed to achieve Total customer satisfaction and reliability by providing

- ❖ **Very best quality**
- ❖ **More cost effective**
- ❖ **Quick Service**

In time through continuous improvements in all activities.

Owing to continuous improvements, information furnished is subject to change without notice.

PERFORMANCE CHART

KW	HP	PUMP MODEL	PUMP SIZE IN mm SUCTION X DELIVERY	SELF PRIMING CAPACITY IN Mts(Ft)	SUCTION LIFT IN Mts (Ft)	SPEED IN RPM	TOTAL HEAD IN METRES / FEET									
							6	9	12	15	18	22	26	30	34	38
							20	30	39	49	59	72	85	98	112	125
DISCHARGE IN LITRES PER HOUR																
0.18	0.25	SIS-01	20 x 20	3.5(11.5)	6(20)	2880	1960	1770	1580	1470	1370	-	-	-	-	-
0.37	0.50	SIM-03	25 x 25	-	8(26)	2880	1980	1840	1760	1660	1400	720	480	-	-	-
0.37	0.50	SIM-04	25 x 25	-	8(26)	2880	2820	2610	2400	2200	1920	1610	1280	900	-	-
0.37	0.50	SIS-06	25 x 25	3.5(11.5)	6(20)	2880	2560	2310	2070	1730	1450	1130	680	-	-	-
0.75	1.00	SIS-07	25 x 25	3.5(11.5)	6(20)	2880	3360	3350	3330	3290	3240	3190	2830	2340	1770	1040

Manufactured Exclusively by:

SAMSON INDUSTRIES
143-D, Trichy Road, Sular,
Coimbatore - 641 402.
Ph : 0422 - 2687748, 96779 75994

Authorised Sales / Service Dealer:

WORLD CLASS PUMPSETS



AN ISO 9001-2015 COMPANY

SINGLE PHASE HEAVY DUTY SELF PRIMING PUMPS

SIS & DMS SERIES



WATER AS WHEN AND WHERE YOU WANT IT



'SAMSON' Single Phase Heavy Duty Self Priming Pumps - SIS & DMS - SERIES

Salient Features:

- High Discharge.
- Speedy Suction.
- Good Self-priming action and convenient as priming is rarely necessary.
- The volute is designed and machined for maximum output.

Construction Features:

Motor:

- Single Phase TEFC Motor with dynamically balanced rotor.
- Suitable for 200 - 240V, 50 Hz, A.C. Supply.
- Graded Cast Iron Motor Body.
- High Torque capacitor start motor / Permanent Split Capacitor Design.
- In-built thermal over load protector (T.O.P).

Pump:

- Rigid and graded cast iron /Forged Brass pump casing.
- Highly wear & corrosion resistant gunmetal Impellers & brass components.
- Stainless Steel Shaft.
- Maintenance free ceramic Mechanical Seal.
- No need for foot valve upto 5 meters in head.

Applications:

- Domestic water pumping to over head tanks.
- Pressure boosting for residential water supply.
- Water curing at construction sites.
- Car washing.
- Filter point pumping.
- Suitable for portable application.

Warranty:

- All products carry 1 year warranty from the date of purchase against manufacturing defects.

Quality Policy :

Samson Industries is committed to achieve Total customer satisfaction and reliability by providing

- ❖ **Very best quality**
- ❖ **More cost effective**
- ❖ **Quick Service**

In time through continuous improvements in all activities.

Owing to continuous improvements, information furnished is subject to change without notice.

PERFORMANCE CHART

kW	HP	PUMP MODEL	PUMP SIZE IN mm SUCTION X DELIVERY	SELF PRIMING CAPACITY Mts(Ft)	SUCTION LIFT IN Mts(ft)	SPEED IN RPM	TOTAL HEAD IN METRES / FEET									
							6	9	12	15	18	22	26	30	34	38
							20	30	39	49	59	72	85	98	112	125
DISCHARGE IN LITRES PER HOUR																
0.37	0.50	SIS-02	25 x 25	3(10)	8(26)	2880	2860	2610	2390	2050	1720	1230	780	-	-	-
0.37	0.50	SIS-03	25 x 25	5(16)	8(26)	2880	1920	1770	1620	1470	1250	1160	750	450	-	-
0.37	0.50	SIS-04	25 x 25	5(16)	8(26)	2880	1870	1570	1460	1210	950	630	-	-	-	-
0.37	0.50	DMS-02	25 x 25	8(26)	8(26)	1440	3120	2880	2640	2280	1860	-	-	-	-	-
0.75	1.00	DMS-03	25 x 25	8(26)	8(26)	1440	3540	3540	3300	3180	3000	2580	2160	1800	-	-

Manufactured **Exclusively** by:

SAMSON INDUSTRIES

143-D, Trichy Road, Sular,
Coimbatore - 641 402.
Ph : 0422 - 2687748, 96779 75994

Authorised Sales / Service Dealer:

WORLD CLASS PUMPSETS



AN ISO 9001-2015 COMPANY



**SINGLE PHASE
CENTRIFUGAL MONOSET PUMPS
SIC SERIES**

WATER AS WHEN AND WHERE YOU WANT IT



'SAMSON' Single Phase Centrifugal Monobloc Pumps - SIC - SERIES

SAMSON centrifugal monobloc pumps are engineered to perfection with extreme care and precise quality control at all stages to ensure a trouble free service.
SAMSON centrifugal monobloc pumps conform to IS : 9079.

Salient Features:

- These monoblocs are efficient & ideal for the places of high water requirement.
- Relatively higher discharge with less power consumption.
- Higher heads achievable with models featuring high graded gun metal impellers.

Construction Features:

Motor :

- Single Phase / Three Phase(optional) TEFC Motor construction with dynamically balanced rotor.
- Suitable for 200 - 240V / 380 - 415V, 50 Hz, A.C. Supply
- In-built thermal overload protector(T.O.P).
- More rigid, graded cast iron motor body.
- Permanent split - capacitor motor.

Applications:

- Over head storage tank filling.
- Domestic water supply.
- Pressure boosting.
- Garden irrigation.
- Water supply for commercial establishments such as hotels, lodgings etc.,
- Portable small-farm irrigation from ponds.

Pump :

- High efficient design.
- No wear & tear of gunmetal impellers.
- Stainless Steel Shaft.
- Maintenance free ceramic Mechanical Seal.

Note:

- A good quality foot valve with stainer must be used.

Warranty:

- All products carry 1 year warranty from the date of purchase against manufacturing Defects.

Quality Policy :

Samson Industries is committed to achieve total customer satisfaction and reliability by providing

- ❖ **Very best quality**
- ❖ **More cost effective**
- ❖ **Quick Service**

In time through continuous improvements in all activities.

Owing to continuous improvements, information furnished is subject to change without notice.

PERFORMANCE CHART

kW	HP	PUMP MODEL	PUMP SIZE IN mm Suction x Delivery	NO. OF STAGES	TOTAL HEAD IN METRES / FEET													
					6	8	10	12	14	16	18	20	22	24	26	28		
					20	26	33	39	46	52	59	66	72	79	85	92		
DISCHARGE IN LITRES PER HOUR																		
0.37	0.5	SIC-02/1	25 x 25	1	6500	6300	6100	5800	5300	3250	-	-	-	-	-	-		
0.37	0.5	SIC-02/2	32 x 25	1	9750	9450	9100	8200	6800	5300	-	-	-	-	-	-		
0.37	0.5	SIC-02/3	HH	25 x 25	1	-	-	-	5800	5600	5300	4800	2150	-	-	-		
0.75	1.0	SIC-03	40 x 40	1	-	17280	16200	14400	11500	7200	-	-	-	-	-	-		
0.75	1.0	SIC-03/1	50 x 50	1	30500	27100	22000	16000	4320 (13.5m)	-	-	-	-	-	-	-		
0.75	1.0	SIC-04	32 x 25	1	-	-	-	13860	13730	13560	12800	11160	3700	-	-	-		
0.75	1.0	SIC-04/1	HH	32 x 25	1	-	-	-	-	-	-	9960	8700	6300	3240	-		
1.10	1.5	SIC-05	50 x 40	1	-	-	22650	21000	19500	18000	14100	9550	5200 (21.5m)	-	-	-		
1.10	1.5	SIC-06	HH	40 x 32	1	-	-	-	-	-	14700	13600	12800	11900	10800	5500		
1.50	2.0	SIC-07	50 x 50	1	-	-	34900	32040	29100	23600	17800	7200	-	-	-	-		

HH - High Head

Manufactured Exclusively by:

SAMSON INDUSTRIES
 143-D, Trichy Road, Sular,
 Coimbatore - 641 402.
 Ph : 0422 - 2687748, 96779 75994

Authorised Sales / Service Dealer:

WORLD CLASS PUMPSETS



**SINGLE PHASE
COMPRESSOR
MONOBLOC PUMP**

SIN SERIES



AN ISO 9001-2015 COMPANY

WATER AS WHEN AND WHERE YOU WANT IT



'SAMSON' Single Phase Compressor Monobloc Pumps - SIN - SERIES

Samson Mono Compressor Pumps are designed to be economical & sturdy to operate at very high efficiency.

Salient Features:

- Fitted with totally enclosed fan cooled type 'A' class Single phase / Three phase motor with starting & running capacitors which can work at very low voltages.
- Graded Cast Iron Cylinders are used to reduce the wear & tear at very high temperatures.
- Motor & compressor are coupled with each other with a single shaft.
- It requires less space because there is no bed or fan belt.
- It requires less maintenance since the compressor is directly run by motor.

Applications:

- Agricultural fields
- Storage Tank filling.
- Residential buildings.

Warranty:

- All products carry 1 year warranty from the date of purchase against manufacturing defects

Quality Policy :

Samson Industries is committed to achieve total customer satisfaction and reliability by providing

- ❖ **Very best quality**
- ❖ **More cost effective**
- ❖ **Quick Service**

In time through continuous improvements in all activities.

Owing to continuous improvements, information furnished is subject to change without notice.

PERFORMANCE CHART

SL. No.	DEPTH IN MTS	PUMPING HEIGHT IN MTS	LIFTING HEIGHT IN MTS	MODEL	SIN-05	SIN-01	SIN-02	SIN-02/1
				kW	0.37	0.75	1.1	1.5
				HP	0.5	1.0	1.5	2
1	30	15	15	DISCHARGE IN LITRES PER HOUR	900	1200	1200	1275
		24	6		1500	2200	2200	2400
2	60	30	30		1600	2000	2000	2000
		37	23		1500	2100	2100	2100
		45	15		1300	2200	2200	2200
3	90	45	45		-	1500	1500	1600
		53	37		-	1300	1400	1500
		60	30		-	1200	1300	1400
4	110	55	55		-	-	1200	1300
		75	35		-	-	1100	1250
		95	15		-	-	1000	1200
5	130	65	65		-	-	-	1200
		95	35		-	-	-	1100
		115	15		-	-	-	1000

Manufactured Exclusively by:

SAMSON INDUSTRIES

143-D, Trichy Road, Sular,
Coimbatore - 641 402.
Ph : 0422 - 2687748, 96779 75994

Authorised Sales / Service Dealer:



AN ISO 9001-2015 COMPANY



RELIABLE • RESPONSIVE • FAITHFUL FRIENDLY

SINGLE PHASE CENTRIFUGAL JET PUMPS

SIJ SERIES



WORLD CLASS PUMPSETS

WATER AS WHEN AND WHERE YOU WANT IT



'SAMSON' Single Phase Centrifugal Jet Pumps - SIJ - SERIES

SAMSON centrifugal jet pumps are engineered to perfection with extreme care and precise quality control at all stages to ensure a trouble free service. **SAMSON** centrifugal jet pumps conform to IS : 12225.

Salient Features:

- Capable of pumping from borewells and openwells.
- Available as both side suction and center suction models.
- Designed to achieve high discharge at high / low heads.
- Satisfactory performance even at low voltage.
- Erection can be done over the bore or away from the borewell, for improved security.
- Service can be done easily at lower cost as the motor and pump are accessible at the surface.

Construction Features:

Motor:

- Single Phase / Three Phase (optional) TEFC Motor construction with dynamically balanced rotor.
- Suitable for 200 - 240V / 380 - 415V, 50 Hz, A.C. Supply
- In-built thermal overload protector(T.O.P).
- More rigid, graded cast iron motor body.
- Permanent split - capacitor motor.

Applications:

- Domestic & Industrial water supply.
- Water circulating system.
- Storage tank filling.
- Ideal for small farms, hospitals, hotels, garages etc.

Important Instructions:

- Read our operator's manual carefully before installation.
- Install the pump according to our recommended head range.
- Pump must be installed on an even, leveled foundation and tightened with proper foundation bolts and nuts to avoid vibrations.
- Pump should not be operated dry. Install water level monitor to Protect from dry running.
- Use appropriate size, good quality cable and starter / protection devices.
- Use good quality and low friction pipes.
- Pipe diameters must never be smaller than the pump connections.
- Reduce number of bends, elbows, T-bends and valves as much as possible.
- The weight of the pipes should not be applied to the pump.
- The pump should be run for a few minutes at least once in 2 days to prevent from seizing.
- Do not operate the pump when delivery valve is closed.

Pump:

- Rigid, graded cast iron pump casing
- Dynamically Balanced high grade gunmetal impellers and sturdy gunmetal jet units with in built foot valve and stainless steel stainers.
- Stainless Steel Shaft.
- Maintenance free ceramic Mechanical Seal.
- A range of jet units for varying well diameters and suction lifts.
- Provided with adjustable pressure control valve.

Warranty:

- All products carry 1 year warranty from the date of purchase against manufacturing defects.

Quality Policy :

Samson Industries is committed to achieve total customer satisfaction and reliability by providing

- ❖ **Very best quality**
- ❖ **More cost effective**
- ❖ **Quick Service**

In time through continuous improvements in all activities.

PERFORMANCE DATA FOR VARIOUS MODELS ARE GIVEN SEPARATELY TO SELECT THE MOST SUITABLE MODEL.

Owing to continuous improvements, information furnished above is subject to change without notice.

Manufactured Exclusively by:

SAMSON INDUSTRIES

143-D, Trichy Road, Sulur,
Coimbatore - 641 402.
Ph : 0422 - 2687748, 96779 75994

Authorised Sales / Service Dealer:

WORLD CLASS PUMPSETS



RELIABLE • RESPONSIVE • FAITHFUL FRIENDLY



AN ISO 9001-2015 COMPANY

OPEN-WELL SUBMERSIBLE PUMPS
SIO SERIES

WATER AS WHEN AND WHERE YOU WANT IT



'SAMSON' Single Phase/ Three Phase Open-well Submersible Pumps - SIO - SERIES

Salient Features:

- Open well submersible pumps offer the convenience of not having to change the position of the pump with changing water levels in the well.
- Prime mover is of wet type, water cooled rewindable motor.
- Available in domestic and agricultural models.

Construction Features:

Motor:

- Single Phase / Three Phase water filled submersible induction motor.
- Suitable for 200 - 240V / 380 - 415V, 50 Hz, A.C. Supply
- Stainless steel / Graded cast iron body construction.
- Heavy duty, water lubricated bearing for long trouble free operation.

Pump:

- Rigid graded cast iron volute casing and high grade gunmetal impeller provide good efficiency and long life.

Warranty:

- All products carry 1 year warranty from the date of purchase against manufacturing defects.

Applications:

- Open well / sump pumping for irrigation.
- Storage Tank filling.
- Drip & sprinkler irrigation.
- Gardening
- Industries for clean water handling.

Quality Policy :

Samson Industries is committed to achieve total customer satisfaction and reliability by providing

- ❖ **Very best quality**
- ❖ **More cost effective**
- ❖ **Quick Service**

In time through continuous improvements in all activities.

Owing to continuous improvements, information furnished above is subject to change without notice.

PERFORMANCE CHART OPEN-WELL SUBMERSIBLE PUMPSET (DOMESTIC)

MOTOR RATING		PUMP MODEL	OUTLET SIZE IN mm	TOTAL HEAD IN (m/Feet)	8	12	16	18	20	22	24	26	28	30	32	33
KW	HP				26	39	52	59	66	72	79	85	92	98	105	108
0.37	0.5	SIO-02	25	DISCHARGE IN LITRES / Hr (LPH)	6800	5600	4200	3200	2300	1200	-	-	-	-	-	-
0.75	1.0	SIO-03	25		8220	7990	7780	7370	7310	6190	4440	2380	715	-	-	-
0.75	1.0	SIO-03/1	40		18300	14500	7600	-	-	-	-	-	-	-	-	-
1.10	1.5	SIO-04	25		11660	11240	10940	10410	10230	9840	8910	7890	5690	3210	1780	600
1.10	1.5	SIO-04/1	40		22200	18200	14300	11200	7800	-	-	-	-	-	-	-

Note :Performance Data for Three Phase Open-well submersible Pumpset (Agricultural) is given separately

Manufactured Exclusively by:

SAMSON INDUSTRIES

143-D, Trichy Road, Sular,
Coimbatore - 641 402.

Ph : 0422 - 2687748, 96779 75994

Authorised Sales / Service Dealer:

WORLD CLASS PUMPSETS



RELIABLE • RESPONSIVE • FAITHFUL FRIENDLY



AN ISO 9001-2015 COMPANY



**4" & 6" SUBMERSIBLE PUMPS
SIV SERIES**

WATER AS WHEN AND WHERE YOU WANT IT



3", 4" & 6" Bore well Submersible Pumpsets - SIV - SERIES

Salient Features:

- Ideal solution where water requirements are substantial and expenditure on power a major consideration.
- Light weight ensures easy installing.
- Conforms to IS : 8034

Construction Features:

Motor:

- Water lubricated motor with easily rewindable stator.
- Suitable for 200 - 240V / 380 - 415V, 50 Hz, A.C. Supply
- High grade Stainless steel body construction.
- Heavy duty, water lubricated, tilting pad carbon thrust bearing for long trouble free operation.
- Stainless steel and high grade rubber sand guard to prevent Passing of impurities in to the motor.

Applications:

- Pumping water from bores of diameter 4" (100mm) & above.
- Domestic water supply to large residence and multi storied Apartments.
- Industrial water supply.
- Water supply to commercial establishments like hotels, lodgings & hospitals
- Irrigation system for agriculture including drip & sprinkler system.

Pump:

- Energy efficient radial & mixed flow models.
- Wear resistant high strength noryl impellers.
- High grade stainless steel pump body & pump shaft.
- Graded cast Iron Intermediate bracket & delivery outlets .

Warranty:

- All products carry 1 year warranty from the date of purchase against manufacturing defects.

Quality Policy :

Samson Industries is committed to achieve total customer satisfaction and reliability by providing

- ❖ **Very best quality**
- ❖ **More cost effective**
- ❖ **Quick Service**

In time through continuous improvements in all activities.

PERFORMANCE DATA FOR VARIOUS MODELS ARE GIVEN SEPARATELY TO SELECT THE MOST SUITABLE MODEL.

Owing to continuous improvements, information furnished above is subject to change without notice.

Manufactured Exclusively by:

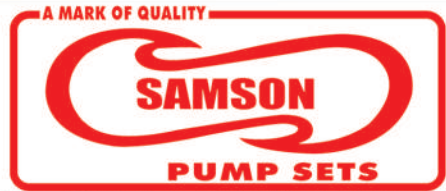
SAMSON INDUSTRIES

143-D, Trichy Road, Sullur,
Coimbatore - 641 402.

Ph : 0422 - 2687748, 96779 75994

Authorised Sales / Service Dealer:

WORLD CLASS PUMPSETS



RELIABLE • RESPONSIVE • FAITHFUL FRIENDLY



AN ISO 9001-2015 COMPANY



WATER AS WHEN AND WHERE YOU WANT IT



Self Priming Mini Monobloc Pumps
Heavy Duty Self Priming Pumps
Centrifugal Monoset Pumps
Centrifugal Jet Pumps
Compressor Monobloc Pumps
Open-well Submersible Pumps
Bore-well Submersible Pumps

Features:

- Very best in quality and compact in design.
- Ensuring a longer life.
- Excellent performance even at low voltage.
- Easy installation.
- Noiseless high discharge pumps.
- Pumps are tested to suit the field condition.
- Prompt service after sales.
- Ideal solution where water requirements are substantial and expenditure on power a major consideration.
- Years of field experience resulting of efficient and highly reliable product.

Applications:

- Domestic water supply.
- Overhead storage water-tank filling.
- Water curing at construction sites.
- Pressure boosting.
- Garden Irrigation.
- Agriculture.
- Ideal for small farms, hospitals, hotels, garages etc.,
- Suitable for portable application.
- Designed to fit universal needs.

Range of Products

- Single Phase Self Priming Mini Monobloc Pumps - 0.25 HP to 1 HP.
- Single Phase Heavy Duty Self Priming Pumps - 0.5 HP & 1 HP.
- Single Phase / Three Phase Centrifugal Monoset Pumps - 0.5 HP to 2 HP.
- Single Phase / Three Phase Centrifugal Jet Pumps - 0.5 HP to 2 HP working upto 95m depth.
- Single Phase / Three Phase Compressor Monobloc Pumps - 0.5 HP to 2 HP working upto 130m depth.
- Single Phase / Three Phase Open-well Submersible Pumps(Domestic) - 0.5 HP to 2 HP with Total Head of 33m.
- Three Phase Open-well Submersible Pumps(Agricultural) - 3 HP to 10 HP with Total Head of 47m.
- Single Phase / Three Phase 3", 4" & 6" Bore-well Stainless Steel Body Submersible Pumps - 0.5 HP to 5 HP with Total Head of 240m.

Quality Policy :

Samson Industries is committed to achieve total customer satisfaction and reliability by providing

❖ **Very best quality**

❖ **More cost effective**

❖ **Quick Service**

in time through continuous improvements in all activities.

Owing to continuous improvements, information furnished is subject to change without notice.

Manufactured Exclusively by:

SAMSON INDUSTRIES

143-D, Trichy Road, Sular,
Coimbatore - 641 402.

Ph : 0422 - 2687748, 96779 75994

Authorised Sales / Service Dealer:

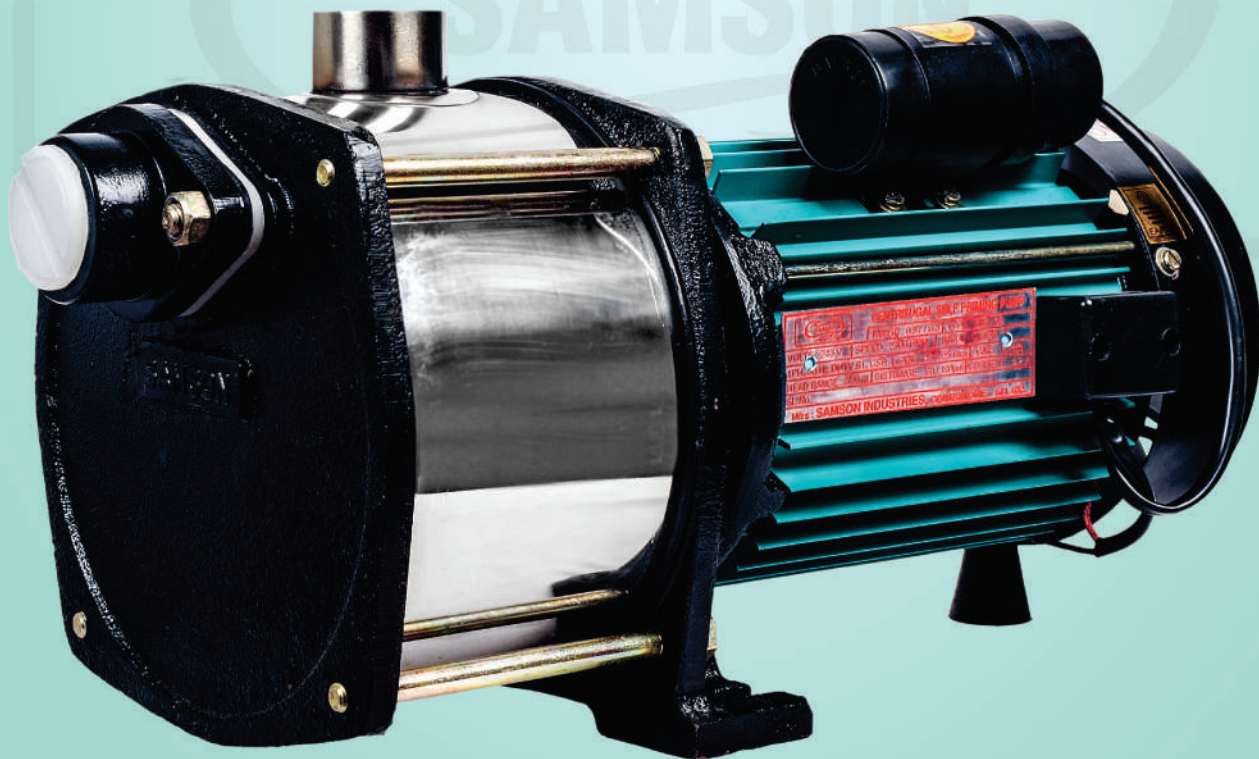
WORLD CLASS PUMPSETS



'SAMSON' Single Phase Centrifugal Shallow Well Pumps (Self Priming)



AN ISO 9001 : 2015 COMPANY



WATER AS WHEN AND WHERE YOU WANT IT

WORLD CLASS PUMPSETS



'SAMSON' SinglePhase Centrifugal Shallow Well Pumps (Self Priming)

Construction :

- Pump Adapter: Cast Iron
- Pump Body: Stainless Steel
- Impeller: Poly Propylene (PP)
- Mechanical Seal: Ceramic Graphite
- Shaft: High Quality Stainless Steel
- Phase: Single

Salient Features:

- High centrifugal suction power
- Runs at low voltage
- Non corrosive pump parts
- Shallow well suitable for sumps at residential, industrial buildings and high raise apartments.
- Special application for water circulation, purification plants, gardening and floor cleaning etc...

- ★ Motor body: High quality extruded aluminum body with powder coated
- ★ Winding: Copper winding with in-built thermal over load protector (T.O.P)
- ★ Capacitor: Efficient permanent split capacitor for 2880 rpm motor

Owing to continuous improvements, information furnished is subject to change without notices.

PERFORMANCE CHART

Pump Model	HP	KW	RPM	Total Head in Meters	6	12	18	24	30
SIS - 08	0.5	0.37	2880	Discharge in Litres / Hour LPH	3000	2900	2100	750	-
SIS - 09	1.0	0.75	2880		3150	3000	2900	2100	800

Manufactured Exclusively by:

SAMSON INDUSTRIES

143-D, Trichy Road, Sular,
Coimbatore - 641 402.
Ph : 0422 - 2687748, 96779 75994

Authorised Sales / Service Dealer: