



# C.R.I. PUMPS

Pumping trust... Worldwide.



- More Durability and Hygiene.
- High Operating Efficiency.
- Motor designed with a High Cooling Effect.
- Designed for Wide Voltage Operation.
- Sturdy and Compact.



## Vision, Mission and Values

To be the industry leader providing best-in-class fluid management solutions to individual and institutional customers and societies in our chosen markets.

We will achieve this through our dedicated efforts to enhance the welfare of all our stakeholders and by living by our values of **Commitment, Reliability and Innovation.**





## ABOUT C.R.I.

C.R.I. ranks high among the world's fastest-growing fluid management solutions provider with a wide global presence. C.R.I. offers Pumps, Motors, IoT Driven Pumps, IoT Drives & Controllers, Pipes, Wires & Cables, Solar Pumps and Controllers to meet the pumping needs of its wide customer base.



**60+** Years  
of Engineering  
Expertise



**120+** Countries  
have our strong  
global presence



**21+**  
Manufacturing Units  
around the World



**30000+** Outlets  
to serve our  
Customers



**9000+**  
Products for various  
applications



**1500+**  
Service Centres to  
support our Customers



**16 Times**  
EEPC Award Winner  
for Export Excellence



**8 Times**  
NEC Award Winner  
for Energy Savings



**Fludyn Advanced Technology  
Centre** Recognized by Ministry of  
Science & Technology, Govt. of India.

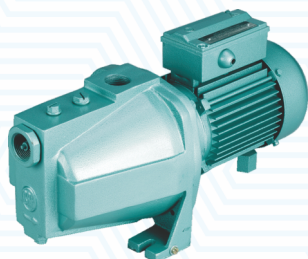
**C.R.I. PIPES** - C.R.I.'s state-of-the-art manufacturing facility at Ahmedabad & Hosur produces all kinds of best quality PVC, UPVC, CPVC Pipes & Fittings. The plants are empowered with fully automated machines that control the manufacturing process.

**C.R.I. WIRES & CABLES** - C.R.I.'s Wires & Cables are manufactured at its state-of-the-art manufacturing facility. The systems at the manufacturing facility are ISO-9001 certified and the products manufactured to meet the relevant standards.

**C.R.I. SOLAR PUMPING SYSTEM** - C.R.I. manufactures sustainable Solar Pumping Systems designed to work with best in class efficiency. With this C.R.I. emphasizes its focus towards greener technology.



**30** FT  
**Suction**



## Centrifugal Jet Selfpriming Pumpset - SHALO Series

C.R.I. Centrifugal jet self priming pumpsets pump casing and ejector unit are designed carefully to give the best possible hydraulic efficiency and good suction lift characteristics. Motor stator is made of low watt loss ferro silicon steel laminations assembled under pressure and rigidly locked in the frame. Construction of motor frame and usage of quality materials result in high performance and low temperature raise, thereby increasing the life cycle of the motor.

### SALIENT FEATURES

- 30 feet suction lifting capacity
- Specially designed for shallow well applications
- High operating efficiency resulting in lower power consumption
- Inbuilt thermal overload protector
- In-built non return valve
- Specially coated pumps available for fertigation application.

### APPLICATION

- Shallow well
- Small farms
- Domestic
- Pressure boosting
- Gardens
- Fertigation
- Drinking water supply.

### SPECIFICATIONS

	SHALO
Power range	0.37 kW & 0.75 kW (0.5HP & 1HP)
Speed	2880 RPM
Version	Single phase 220V, 50Hz, A.C. Supply
Maximum total head	47 Metre
Maximum flow rate	56.6 LPM (3.4 m <sup>3</sup> /hr)
Maximum suction lift	9 Metre
Method of starting	Permanent Split Capacitor (PSC)
Nominal pumpset size (S x D)	25 x 25 mm



# PERFORMANCE CHART

2880 RPM, At Rated Voltage - Single Phase - 220 - 240 Volts, 50Hz, A.C. Supply.

## CENTRIFUGAL JET SELFPRIMING PUMPSET - SHALO Series

Model	kW	HP	Suction x Delivery in mm	m <sup>3</sup> /hr lpm	0	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	3.0	3.4
					0	6.7	10.0	13.3	16.6	20.0	23.3	26.7	30.0	33.4	36.6	40.0	43.3	50.0	56.6
SHALO 4	0.37	0.5	25x25	Head in Metres	37		34	32	31		28		25		22		20	16	
SHALO 7 / 7S	0.37	0.5	25x25		38		34	33	32		29		26		23		19		
SHALO 50	0.37	0.5	25x25		36		32	30	29		27		25		23		20		
SHALO 3	0.75	1	25x25		41		38	36	35		32		30		27		25	17	11
SHALO 8	0.75	1	25x25		46		42	40	39		36		33		30		26		
SHALO 8S	0.75	1	25x25		43		38	37	36		33		30		27		23	16	
SHALO 9S	0.75	1	25x25		39		35	34	33		30		27		24		20		
SHALO 100	0.75	1	25x25		39		35	34	33		31		29		27		25		
SHALO 101 SS	0.75	1	25x25		41		37	36	35		34		32		29		27		
SHALO 102 SS	0.75	1	25x25		39		35	34	33		31		29	27	25				
SHALO 150	1.1	1.5	25x25		42	38	36	35	34	33	32	31	30	29	28	27			

SS - Stainless Steel Casing.

### SPECIALLY DESIGNED FOR FERTIGATION APPLICATION

Model	kW	HP	Suction x Delivery in mm	m <sup>3</sup> /hr lph	0	0.8	1.0	1.4	1.8	2.2	2.6
					0	800	1000	1400	1800	2200	2600
SHALO 2	0.55	0.75	25x25	Head in Metres	47	38	36	31	28	26	20

### MATERIAL OF CONSTRUCTION - PUMPSET

Part Name	Material
Impeller	Cast iron / Noryl
Motor body	Aluminium
Shaft	SS-410
Bracket	Cast iron
Pump casing	Cast iron / SS
Mechanical Seal	Carbon & Ceramic



✿ CATERERS TO DIVERSE SEGMENTS ✿

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HVAC | FIRE FIGHTING | METAL & MINING | FOOD & BEVERAGE | AGRICULTURE | RESIDENTIAL



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