



**C.R.I. PUMPS**  
Pumping trust. Worldwide.



**ONE STOP PUMPING SOLUTION**



### **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**.



## PROFILE

- ✓ C.R.I. ranks high among the world's fastest-growing fluid management solution providers with a wide global presence.
- ✓ C.R.I. offers Pumps, Motors, Valves, IoT Drives & Controllers, Pipes, Wires & Cables, and Solar Pumping Systems.
- ✓ The Group has a diversified range of 9,000+ products in its portfolio and it is among a few to manufacture 100 percent stainless steel pumps in the world.
- ✓ The company has 21 manufacturing facilities across the globe and also made acquisitions in the U.K. and Italy.
- ✓ The R&D division of C.R.I. namely "Fludyn Advanced Technology Centre" is recognized by the Ministry of Science & Technology, Govt. of India.
- ✓ C.R.I. is the top exporter in India and the winner of EEPC (Engineering Export Promotion Council) award 15 times. The company also won National Energy Conservation (NEC) award for six times from the Government of India.
- ✓ C.R.I. has 50+ years of expertise in the field of engineering.
- ✓ C.R.I. functions globally with over 20000 Outlets & 1500 Service centres



## C.R.I. Self Priming Monoblock Pumpset

### Salient Features

- Sturdy and compact.
- In-built with Thermal Overload Protector (T.O.P).
- Double shielded ball bearing, so no need of external lubrication.
- Powder coated motor body.
- High durability.

### Specifications

Power range	0.37 kW - 0.75 kW (0.5HP -1 HP)
Version	Single Phase, 220-240V ,50 Hz, AC Supply
Speed in RPM	2880
Maximum Total Head	30 Mtr
Maximum Flow Rate	3340 LPH
Maximum Suction Lift	upto 8 Mtrs
Nominal Pumpset Size	25 x 25 mm



## C.R.I. Regenerative Selfpriming Monoblock Pumpsets

### Salient Features

- Good suction lifting characteristics.
- Silent operation.
- Accurate functions of centrifugal governor & switch ensures longer life of the motor.

### Specifications

Power range	0.37 kW - 0.75 kW (0.5HP - 1HP)
Version	Single Phase, 220-240V, 50 Hz, AC Supply
Speed in RPM	1440 & 2880
Maximum Total Head	50 Mtr
Maximum Flow Rate	3840 LPH
Maximum Suction Lift	Upto 8 Mtr (Slow Speed) / Upto 6 Mtr (High Speed)
Nominal Pumpset Size	25 x 25 mm



## C.R.I. Horizontal Openwell Submersible Pumpsets

### Salient Features

- Enhanced motor design ensures higher cooling effect.
- High operating efficiency resulting in low power consumption.
- Anti corrosive stainless steel motor body.
- No priming issue.

### Specifications

Power range	0.37 kW - 0.75 kW (0.5HP - 1HP)
Version	Single Phase, 220-240V ,50 Hz, AC Supply
Speed in RPM	2880
Maximum Total Head	33 Mtr
Maximum Flow Rate	10080 LPH
Nominal Pumpset Size	25 x 25 mm



## C.R.I. Centrifugal Jet Selfpriming Pumpsets

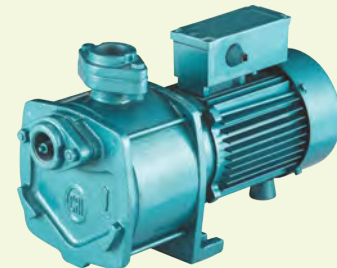
### Salient Features

- 30ft suction lifting capacity.
- Specially designed for shallow well application.
- Compact design occupies less space.

### Specifications

Power range	0.37 kW - 0.75 kW (0.5HP - 1HP)
Version	Single Phase, 220-240V ,50 Hz, AC Supply
Speed in RPM	2880
Maximum Total Head	43 Mtr
Maximum Flow Rate	3000 LPH
Maximum Suction Lift	upto 9 Mtrs
Nominal Pumpset Size	25 x 25 mm

**30** FT  
**Suction**



## C.R.I. i-Smart Self Priming Monoblock Pumps

### Salient Features

- In-built water level monitor • Automatic On & Off • Scheduled run in real time • Dry run, Overload, High & Low voltage protection • Digital LED display.

### Applications

- Household water applications • Small Garden • Civil application • Pressure boosting system.

### Specifications

Power Range in HP/kW	0.5HP & 1 HP
Maximum Head	30 Metre
Maximum Flow	3050 LPH
Version	Single Phase 220 V, AC Supply
Nominal Pumpset Size (S x D)	25 x 25 mm



## C.R.I. Pressure Booster System



### Salient Features

- Ensures even pressure at all the water outlets • Automatic pump ON & OFF when it senses variation in pressure based on water consumption • In-built thermal overload protector • Lesser running cost than the conventional systems.

### Applications

- House Watering system • Industries • Hotels • Hospitals.

### Specifications

	BRISK	TINY FORCE
Power ranges upto	1.5HP	0.5HP
Flow upto	8 m <sup>3</sup> /hr	2.2 m <sup>3</sup> /hr
Maximum pressure	5.5 bar	3.0 bar
Liquid temperature upto	90°C*	33°C

\* Applicable only for Special Mechanical Seal



## C.R.I. Wastewater Submersible Pumps

### Salient Features

- Non clogging impellers ensures free flow of solids
- Cutter design yields fine solids for non clogging operation
- Corrosion resistant Stainless Steel 304 Grade Pump portion ensures longer life
- Motor is designed with Self Cooling Effect
- Epoxy Potted water proof cables
- Prevention from dry run
- Automatic ON/OFF operation, enabled by adjustable float switch.

### Applications

- Draining sewage/Drainage water from hotels, houses, commercial buildings, complexes etc
- Pumping waste water in industries
- Pumping municipal sewage water
- Septic tanks
- Emptying of flooded Cellar water.



### Specifications

#### MS & MP Series

#### DL - Series

Power Range	0.55-0.75kW(0.75-1 HP)	0.5-1.5 kW (0.75-2 HP)
Delivery Size (mm)	32, 40mm	40, 50, 65,80mm
Impeller Type	Closed Multi Channel	Closed Multi Channel Semi Open Double Channel
Max. Head	8.2 mtr	20 mtr
Max. Flow	10 m <sup>3</sup> /h	25.2 m <sup>3</sup> /h
Solid handling capacity	Upto 25mm	Upto 35mm
Speed	2900 rpm	
Version	1Ø	230V - 50Hz A.C. Supply
	3Ø	380 - 415V - 50Hz A.C. Supply
Motor Type	Dry - type	

### Specifications

#### SL - Series

#### SLC - Series

Power Range	0.5-2.2kW (0.75-3 HP)	1.1-1.8 kW (1.5-2.4 HP)
Delivery Size (mm)	40, 50, 65mm	50, 80mm
Impeller Type	Vortex	Vortex Semi Open Double Channel
Max. Head	20 mtr	
Max. Flow	25.2 m <sup>3</sup> /h	
Solid handling capacity	Upto 35mm	
Speed	2900 rpm	
Version	1Ø	230V - 50Hz A.C. Supply
	3Ø	380 - 415V - 50Hz A.C. Supply
Motor Type	Dry - type	

## C.R.I. Flat Cables

### Salient Features

- High ageing property • Low conductor resistance • High insulation resistance • Excellent weather resistant • Resistant to oils, chemicals, ozone & solvents • Cut, tear & abrasion resistant Flame resistant • 99.97% purity copper.

### Specifications

Voltage Grade	1100 V - AC Supply
Temperature Range	-10°C to +70°C
Conductor	High conductivity annealed copper
Insulation Material	Flexible water proof PVC
Sheath Material	Flexible water proof PVC
Sheath Colour	Black*
Core Colours	Red, Yellow & Blue
Available Size	1.0mm <sup>2</sup> to 50.0mm <sup>2</sup>

\*Any other sheath color as agreed between the purchaser & supplier



## C.R.I. uPVC Column, HDPE, RPVC & Casing Pipes & Accessories

### Salient Features

- UV Resistant • Strong & Light Weight • Fire Resistant • Easy to install • Corrosion & Chemical Resistant • Cost Effective

### Specifications

uPVC Column	33mm to 140mm (Bell & Coupler Type)
RPVC	20mm to 400mm
HDPE	20mm to 630mm
Casing & Screen	40mm to 300mm
Grey Casing	110mm to 250mm
SDR Casing	110mm to 225mm





## C.R.I. Air Break Starter

### Salient Features

- Heavy duty contactor for trouble free switching operation
- High Mechanical & Electrical durability
- Specially designed overload relay for reliable overload protection
- Encapsulated coil to withstand wide voltage fluctuations.

### Specifications

Relay Range	2.5 Amps to 32 Amps
Rated Operational Voltage	200-440V, 50Hz 3 phase
Contactor	4 pole
Wide band of Operating Voltage	70% to 110% of rated coil voltage
Pick-up Voltage	Minimum 70% of coil rating
Ambient Temperature	-25° C to +55° C



## C.R.I. Panel Box

### Salient Features

- Smooth and safe start
- Digital LED Display
- Compact Design
- Heavy duty Panel
- Effective Over Load Protection

### Application

- Domestic
- Washing Gardens
- Civil Applications
- Drinking Water Supply

### Specifications

Power Range	0.37kW (0.5HP) to 2.2kW (3HP)
Contactor	2 Pole
Rated Operating Voltage	240 V, 50 Hz Supply



## Performance Chart



### REGENERATIVE MONOBLOCK PUMPSET

2880 RPM, Single Phase - 240 Voltage , 50 Hz, A.C. Supply

Model	kW	HP	Type	Suction x Delivery in mm	Suction Capacity in mtrs	Total Head in metre / feet								
						6	8	10	12	15	18	21	25	30
						20	26	33	39	49	59	69	82	98
Discharge in LPH														
DINO SM50	0.37	0.5	SELF PRIMING	25 x 25	8	2016	1872	1750	1512	1332	1000	800	360	
DINO SM53	0.37	0.5	SELF PRIMING	25 x 25	8	2100	1928	1802	1557	1372	1030	824	600	
DINO SM100	0.75	1	SELF PRIMING	25 x 25	8	3000	2800	2600	2450	2320	2100	1880	1720	1320
DINO SM102	0.75	1	SELF PRIMING	25 x 25	8	3340	3186	3060	2916	2700	2412	2160	1872	1404

### REGENERATIVE SELFPRIMING MONOBLOCK PUMPSETS

1440 / 2880 RPM At Rated Voltage - Single Phase - 220 - 240 Volts, 50Hz, A.C. Supply

Model	kW	HP	Suction x Delivery in mm	Suction Capacity in mtrs	Speed	m <sup>3</sup> /hr		0	0.61	0.8	1.01	1.4	1.8	2.2	2.6	3	3.38	3.82	
						lph		0	600	780	1020	1380	1800	2220	2580	3000	3360	3840	
						Head in Metres	50	41	38	34	27	19	13	10					
DINO SP50	0.37	0.5	25 x 25	6	2880														
DINO SP55	0.37	0.5	25 x 25	8	1440														
DINO SP105	0.75	1	25 x 25	8	1440														

## Performance Chart



### HORIZONTAL OPENWELL SUBMERSIBLE PUMPSETS

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

Model	kW	HP	Suction x Delivery in mm	m <sup>3</sup> /hr	0	1	1.8	2.7	3.6	4.5	4.68	5.4	5.55	6.48	7.2	7.4	7.56	7.74	8.64	9.36	10.1
				lph	0	1080	1800	2700	3600	4500	4680	5400	5544	6480	7200	7380	7560	7740	8640	9360	10080
DINO S050	0.37	0.5	25 x 25	Head in Metres	17		16.5	16	15	14.5	14	13.5	13	12	11	10	9	8.5	8		
DINO S0101	0.75	1	25 x 25	Head in Metres	32		28		26	24	23	22	22	21	20	19	19	18	17	15	13

### CENTRIFUGAL JET SELFPRIMING PUMPSETS

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

Model	kW	HP	Suction x Delivery in mm	m <sup>3</sup> /hr	0	0.6	0.8	1	1.4	1.8	2.2	2.6
				lph	0	600	800	1000	1400	1800	2200	2600
DINO JS50	0.37	0.5	25 x 25	Head in Metres	39	35.4	33.8	32.5	29.7	26.8	24.1	20.3
DINO JS101	0.75	1	25 x 25	Head in Metres	39	35	34	33	30	27	24	20



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