



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



RESIDENTIAL CATALOG

VERTICAL OPENWELL SUBMERSIBLE PUMPSET

LTK Series

C.R.I. Vertical Openwell Submersible Pumpsets are ideally suitable for Openwell / Tanks where a wide fluctuation of water level occur. The optimal design of impellers and diffusers enables the best possible hydraulic efficiency. Motor sealing is made by polymers, 'O' rings, oil seals and sand guard to avoid ingress of well water/sand into the motor. Pressure equalizing rubber diaphragm is provided to guard the motor from pressure and volume variation of water inside the motor.



SPECIFICATIONS

LTK

Power range	0.75 kW & 1.1 kW (1HP & 1.5HP)
Speed	2880 RPM
Version	Single phase 220 - 240V, 50Hz, A.C. Supply
Maximum total head	89 metre
Maximum flow rate	1.6 lps (6 m ³ /hr)
Method of starting	Single Phase - CSCR;
Maximum starts per hour	10 times
Nominal outlet size	32 mm

SALIENT FEATURES

- High operating efficiency
- Motor is designed with higher cooling effect to ensure the life
- Easy to dismantle and repair
- Noise-less operation

APPLICATIONS

- Domestic
- Multi storey buildings
- Irrigation
- Gardens
- Rural water supply

HORIZONTAL OPENWELL SUBMERSIBLE PUMPSET

Plano



C.R.I. Horizontal Openwell Submersible Pumpsets are ideally suitable for Openwell / Tanks where a wide fluctuation of water level occur. The optimal design of impellers and diffusers enables the best possible hydraulic efficiency. Pressure equalizing rubber diaphragm is provided to guard the motor from pressure and volume variation of water inside the motor. Plano & CSS Series must be filled with clear, cold, drinking water as detailed in our operator's manual.

Selfy+ Regenerative open well submersible pumpsets are uniquely designed for silent operation .It works under the water and operates direct suction. To avoid ingress of water inside the motor, sealing is made of Mechanical seal and Oil Seal. Cast Iron Motor Body construction ensures Rigidity and Higher Cooling effect.



CSS Series



SPECIFICATIONS

PLANO / CSS / CSS-J / SELFY+

Power range	0.37 kW - 2.2 kW (0.5HP - 3HP)
Speed	2880 RPM
Version	Single phase 220 - 240V; Three phase 380 - 415V, 50Hz, A.C. Supply
Maximum total head	Upto 57 Metre
Maximum flow rate	Upto 10 LPS (36 m ³ /hr)
Method of starting	Single Phase - CSR / CSCR; Three Phase - DOL
Maximum starts per hour	10 times
Nominal outlet size	25, 32, 40 & 50 mm

CSS-4S Series



SALIENT FEATURES

- Rigid Construction • Long Durability • High operating efficiency
- Motor is designed with higher cooling effect to ensure the life
- Easy to dismantle and repair • Available in SS 304, CI and Noryl impellers.

APPLICATIONS

- Domestic
- Multi storey buildings
- Irrigation
- Gardens
- Rural water supply

selfy+



CENTRIFUGAL MONOBLOCK PUMPSET

C.R.I. Centrifugal Monoblock pumpsets are powered by a totally enclosed fan cooled AC induction two pole motor. Motor stator is made of low watt loss silicon steel laminations assembled under pressure and rigidly locked in the frame. The windings are of high-grade enameled copper wire offer excellent resistance and are varnish impregnated. Construction of motor frame and usage of quality materials result in high performance and low temperature rise thereby increasing the life cycle of the motor.

Virat



ACM Series



ACM Series



SPECIFICATIONS

	ACM	VIRAT
Power range	0.37 kW - 2.2 kW (0.5 HP - 3 HP)	0.37 kW - 1.5 kW (0.5 HP - 2 HP)
Speed	2880 RPM	
Version	Single phase 220 - 240V; Three phase 380 - 415V, 50Hz, A.C. Supply	
Maximum total head	60 metre	34 metre
Maximum flow rate	18 lps (64.8m ³ /hr)	9 lps (32.4m ³ /hr)
Maximum suction lift	7 metre	
Class of insulation	B	
Maximum ambient temperature	40°C	
Sealing	Mechanical seal	
Method of starting	Permanent Split Capacitor (PSC)	
Nominal pumpset size (Suction x Delivery)	25 x 25, 32 x 25, 40 x 32, 40 x 40, 50 x 40, 50 x 50, 65 x 50, 80 x 65, 80 x 80, 100 x 80 & 100 x 100 mm	

SALIENT FEATURES

- High operating efficiency resulting in lower power consumption
- Inbuilt with thermal overload protector in all single phase pumpsets upto 2 HP
- Specially designed for wide voltage operation
- SS 304 impellers are used in specific pump models to increase the life of the pump
- Dynamically balanced rotating parts including rotor and impeller ensures minimum vibration and longer life
- Back pull-out design for easy servicing and repair
- Double shielded ball bearings, so no need of external lubrication
- Available in CI & Aluminium frame

APPLICATIONS

- Domestic
- Irrigation
- Farms
- Gardens
- Industry
- Civil applications

REGENERATIVE SELFPRIMING MONOSET PUMPSET

C.R.I. Selyf Regenerative Selfpriming Monoset Pumps are powered by a totally enclosed fan cooled (TEFC) and Screen Protected Drip Proof (SPDP) AC induction two pole and four pole motors suitable for continuous duty. 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.



SPECIFICATIONS

SELYF

Power range	0.37 kW & 0.75 kW (0.5HP & 1HP)
Speed	1440 & 2880 RPM
Version	Single phase 220 - 240V, 50Hz, A.C. Supply
Maximum total head	55 Metre
Maximum flow rate	64 LPM (3.82 m ³ /hr)
Maximum suction lift	Upto 8 Metre (slow speed) / Upto 6 metre (high speed)
Method of starting	CSCR / Permanent Split Capacitor (PSC)
Nominal pumpset size (S x D)	25 x 25 mm

SALIENT FEATURES

- Good suction lift characteristics
- Accurate function of centrifugal governor & switch ensures the longer life of the motor
- Specially designed mesh is provided in pump to avoid foreign particles
- Special graded casting used in pump portion to prevent the wear & tear
- High tensile brass impeller is used to increase the life of pump.

APPLICATIONS

- Domestic
- Washing
- Gardens
- Civil applications

REGENERATIVE SELFPRIMING MONOSET PUMPSET

C.R.I.'s Selfy Max series was precisely designed with maximized stability and performance. Selfy Max is a regenerative pump which powered by TEFC design, four pole, AC induction motor and it is best suitable for continuous duty. Motor stator is made of low watt loss silicon steel with bulky construction of motor frame. The usage of quality materials and precisely designed components provides, high performance and low temperature raise, thereby increasing the life cycle of the motor.



SPECIFICATIONS

SELFY MAX

Power range	0.37 kW & 0.75 kW (0.5HP & 1HP)
Speed	1440 RPM
Version	Single phase 220V, 50Hz, A.C. Supply
Maximum total head	51 Metre
Maximum flow rate	64 LPM (3.82 m ³ /hr)
Maximum suction lift	Upto 8 Metre (Slow Speed)
Method of starting	CSR / CSCR
Nominal pumpset size (S x D)	25 x 25 mm

SALIENT FEATURES

- Maximised stability by rigid construction
- Maximised starting torque ensures trouble free operations
- Maximised efficiency of 25% to 30%
- Maximised accuracy of centrifugal governor and switch
- Powerful suction lifting capacity

APPLICATIONS

- Domestic
- Washing
- Gardens
- Civil applications

SELFPRIMING / NON-SELFPRIMING MONOBLOCK PUMPSET

C.R.I. Selfpriming monoblock pumpsets are power-driven by a totally enclosed fan cooled AC induction two pole motor, suitable for continuous duty. Motor stator is made of low watt loss silicon laminations assembled under pressure and rigidly locked in the frame. The windings are of high - grade enameled copper wire and are varnish impregnated. Pumps volute chamber and impellers are designed to give the best possible hydraulic efficiency and suction lift characteristics.

SPECIFICATIONS

ELSA PRO / ELSA / MIKI / DORA / SHINE / XCITE / ROYALE PRIDE / ROYALE / DHOOM / CHAMPEE

Power range	0.37kW - 1.1kW (0.5HP - 1.5HP)
Speed	2880 RPM
Versions	Single Phase 220-240 V, 50 Hz AC supply
Maximum total head	100 Metre
Maximum flow rate	4500 LPH (4.5 m ³ /hr)
Maximum suction lift	Upto 8 Metre
Nominal size (suction x delivery)	15x15 & 25x25 mm

SALIENT FEATURES

- Upto 100metre (328 feet) working capacity
- Built-in with imported Thermal Overload Protector
- Specially designed for wide voltage operation
- Double sealed ball bearing, so no need of external lubrication
- Pumpset available with extension shaft for multi purpose application.

APPLICATIONS

- Domestic
- Small garden
- Pressure boosting
- Civil applications
- RO Applications
- House Watering Systems



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