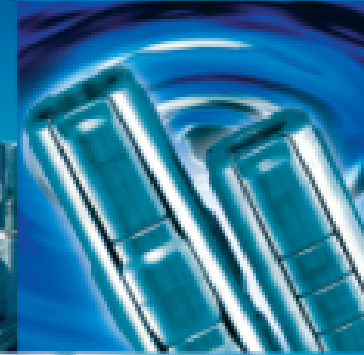


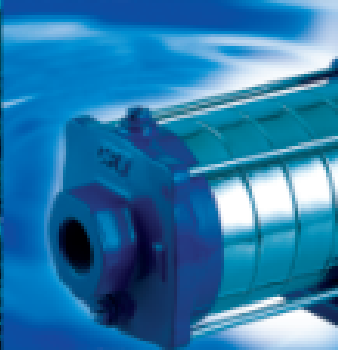


C.R.I. Pumps : Product view

50Hz



COMMITMENT



RELIABILITY



INNOVATION



T H E B E G I N N I N G

of C.R.I., way back in 1961, was a resolute attempt to produce a few irrigation equipments using the limited facilities of an in-house foundry. Eventually the founder's dream was coming true as the small production unit he started kept growing rapidly. Now, after more than four eventful decades, it is an enormous, widely reputed organization, which produces more than 1000 varieties of perfectly engineered pumps and motors and sells its products in numerous countries spread across 6 continents.

C . R . I . I S O N E A M O N G

the few pioneers in the world to produce 100% stainless steel submersible pumps. Having achieved a record production capacity of over 750,000 pumps per annum, today C.R.I. is rubbing its shoulders with the best brands in the world, with advanced technology and safety standards as its hallmarks.

T H E I N F R A S T R U C T U R E

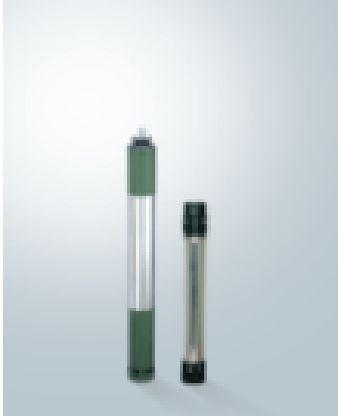
of C.R.I. is pretty comprehensive with state-of-the-art machineries and a high potential R&D wing, all within its own covered area of 100,000 square metres. The production environment is accredited with ISO 9001 & 14001 certifications. The R&D team always stays in tune with the changing scenario and seldom fails in coming up with outstanding solutions every time.

N E E D L E S S T O S A Y ,

behind this legendary growth lies the untiring, innovative, enthusiastic and dedicated team work. And, of course, a flawlessly maintained value system too. The name C.R.I. itself encapsulates the company's ethos: " Commitment, Reliability, Innovation".



DEEPWELL SUBMERSIBLE PUMPS



3" SILVER LINE SERIES

Applications

Domestic, Small Farms, Nurseries, Hotels, Fountains, Industries & Gardens.

Features

- Highly durable
- Wearing ring in diffuser for long life
- Water cooled rewindable motor.
- Can be easily dismantled and repaired
- Can handle upthrust loads
- Available M.O.C.: Type V

Specifications

Maximum outer dia : 73mm & 78mm
 Power range (kW) : 0.37kW - 1.1 kW - Single Phase
 Speed : 2800 rpm
 Versions : A.C. Single phase 230 V - 50 Hz Capacitor Start Capacitor Run (CSCR) Incorporated with Thermal Overload Protector
 Type of duty : S1 (Continuous)
 Degree of protection : IP 58
 Maximum liquid Temperature : 33°C

Flow	m ³ /h	1.5	1.8	3.6
Head Maximum	m	90	93	53
Nominal outlet size	inches	1	1¼	1¼

Can be fitted only with C.R.I. Water filled rewindable submersible motors.



4" SILVER LINE SERIES

Applications

Irrigation, Domestic, Civil Water supply, Fountains, Industrial and rural water supply, Fire fighting, Pressure boosting units, Ponds, Gardens, Sprinkler systems and Mining.

Features

- High operating efficiency
- Floating Impeller design to handle sand particles
- S.S. 304 / Ceramic* * top bearing
- Highly durable
- Water cooled rewindable / Encapsulated resin filled motor
- Can be easily dismantled and repaired
- Can handle upthrust loads
- Wearing ring in diffuser for long life
- Available M.O.C.: Type P, & V

Specifications

Power range (kW) : 0.37kW - 2.2 kW - Single Phase, 0.37 kW - 7.5 kW - Three Phase
 Speed : 2900 rpm
 Versions : A.C. Single phase 230 V - 50 Hz Capacitor Start Capacitor Run (CSCR), Permanent Split Capacitor (PSC) - Incorporated with Thermal Overload Protector & lightning arrester A.C. Three phase - 380 - 415 V - 50 Hz. Direct on line (DOL)
 Type of duty : S1 (Continuous)
 Degree of protection : IP 58 / IP 68
 Maximum liquid Temperature : 33°C

Flow	m ³ /h	1.5	2	3	4	5	8	10	14	18
Head Maximum	m	215	245	222	270	185	262	152	133	115
Nominal outlet size	inches	1¼	1¼	1¼	1¼	1½	2	2	2	2

Mounting dimensions are in accordance with NEMA STANDARDS



4" STAINLESS STEEL SERIES

Applications

Irrigation, Domestic, Civil Water supply, Fountains, Industrial and rural water supply, Fire fighting, Pressure boosting units, Ponds, Gardens, Sprinkler systems and Mining.

Features

- High operating efficiency
- Precise parts made of SS 304/316
- Highly durable & Hygiene
- Good resistance to sand
- Water cooled rewindable / Encapsulated resin filled motor
- Can be easily dismantled and repaired
- Can handle upthrust loads
- Available M.O.C.: Type S & N

Specifications

Power range (kW) : 0.37kW - 2.2 kW - Single Phase, 0.37 kW - 7.5 kW - Three Phase
 Speed : 2900 rpm
 Versions : A.C. Single phase 230 V - 50 Hz Capacitor Start Capacitor Run (CSCR), Permanent Split Capacitor (PSC) - Incorporated with Thermal Over load Protector A.C. Three phase - 380 - 415 V - 50 Hz. Direct on line (DOL)
 Type of duty : S1 (Continuous)
 Degree of protection : IP 58 / IP 68
 Maximum liquid Temperature : 33°C

Flow	m ³ /h	1	2	3	5	8	14
Head Maximum	m	320	540	384	365	205	160
Nominal outlet size	inches	1¼	1¼	1¼	1½	2	2

Mounting dimensions are in accordance with NEMA STANDARDS

DEEPWELL SUBMERSIBLE PUMPS



6" STAINLESS STEEL SERIES

Applications

Irrigation, Domestic & Civil Water supply, Fountains, Industrial and rural water supply, Fire fighting, Pressure boosting units, Ponds, Gardens, Sprinkler systems and Mining.

Features

- High operating efficiency
- Precise parts made of SS 304/316
- Highly durable & Hygiene
- Good resistance to sand
- Water cooled rewindable motor
- Can be easily dismantled and repaired
- Can handle upthrust loads
- Available M.O.C. : Type S & N

Specifications

Power range (kW) : 3 kW - 45 kW - Three Phase

Speed : 2900 rpm

Versions : A.C. Three phase - 380 - 415 V - 50 Hz.
Direct on line (DOL) - upto 45 kW, Star delta (SD) - 5.5 kW - 45 kW

Type of duty : S1 (Continuous)

Degree of protection : IP 58 / IP 68

Maximum liquid Temperature : 33°C

Flow	m ³ /h	14	18	22	30	48	60
Head Maximum	m	574	540	570	459	363	285
Nominal outlet size	inches	2	2½	2½	3	3/4	3/4

Mounting dimensions are in accordance with NEMA STANDARDS



8" & 10" STAINLESS STEEL SERIES

Applications

Irrigation, Civil Water supply, Fountains, Industrial and rural water supply, Fire fighting, Pressure boosting units, Ponds, Gardens, Sprinkler systems and Mining.

Features

- High operating efficiency
- Precise parts made of SS 304/316
- Highly durable & Hygiene
- Good resistance to sand
- Can be easily dismantled and repaired
- Can handle upthrust loads
- Available M.O.C. : Type S & N

Specifications

Power range (kW) : 5.5 kW - 93 kW - Three Phase

Speed : 2900 rpm

Versions : A.C. Three phase - 380 - 415 V - 50 Hz.
Direct on line (DOL) - upto 93 kW, Star delta (SD) - upto 93kW

Type of duty : S1 (Continuous)

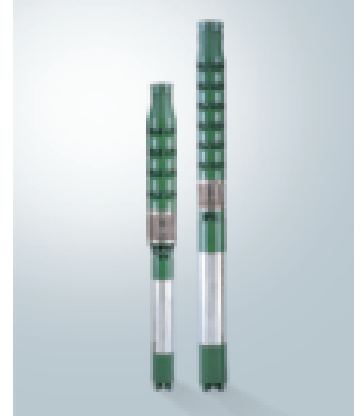
Degree of protection : IP 58 / IP 68

Maximum liquid Temperature : 33°C

Upto 37 kW, these pumps can be supplied with 6" S.S. Submersible motors.

Flow	m ³ /h	78	95	125
Head Maximum	m	420	460	280
Nominal outlet size	inches	4/5	5	6

Mounting dimensions are in accordance with NEMA STANDARDS



6" & 8" EVERGREEN SERIES

Applications

Irrigation, Civil Water supply, Fountains, Industrial and rural water supply, Fire fighting, Pressure boosting units, Ponds, Gardens, Sprinkler systems and Mining.

Features

- High operating efficiency
- Extremely hardwearing water lubricated bearings
- Highly durable
- Water cooled rewindable motor
- Can be easily dismantled and repaired
- Can handle upthrust loads
- Available M.O.C. : Type C

Specifications

Power range (kW) : 3.7 kW - 93 kW - Three Phase

Speed : 2900 rpm

Versions : A.C. Three phase - 380 - 415 V - 50 Hz.
Direct on line (DOL) - upto 93 kW, Star delta (SD) - 5.5 kW - 93 kW

Type of duty : S1 (Continuous)

Degree of protection : IP 58 / IP 68

Maximum liquid Temperature : 33°C

6"

Flow	m ³ /h	27	32	38	46	60
Head Maximum	m	260	270	210	157	158
Nominal outlet size	inches	3	3	3	3/4	3/4

8"

Flow	m ³ /h	28	45	50	60	68	80	90	100	125	140
Head Maximum	m	220	258	252	218	370	320	325	280	240	125
Nominal outlet size	inches	3	3	4	4	4	4	4	5/6	5/6	5/6

Mounting dimensions are in accordance with NEMA STANDARDS

DEEPWELL SUBMERSIBLE MOTORS



W - SERIES
(WATER FILLED REWINDABLE
SUBMERSIBLE MOTORS)

Applications

These prime mover submersible motors are suitable to couple with deepwell submersible pump ends, used for irrigation, domestic water supply, fountains, industrial water supply, pressure boosting units, ponds, gardens, sprinkler systems and mining.

Features

- Water cooled rewindable motor
- Can be easily dismantled and repaired
- High operating efficiency
- Extremely hardwearing water lubricated bearings
- Specially designed thrust bearing to withstand high axial and down thrust loads

Specifications

Available Nominal Dia : 4", 6", 8" & 10".
 Power range (kW) : 4" - 0.37kW - 2.2 kW
 Single Phase
 0.37kW - 7.5kW
 Three Phase
 6" - 2.2kW - 45kW-
 Three Phase
 8" - 37kW - 93kW-
 Three Phase
 10"-81Kw - 185 Kw
 Three Phase
 Speed : 2900 rpm
 Versions : A.C. Single Phase
 230V-50Hz
 Capacitor Start
 Capacitor Run (CSCR),
 Incorporated with
 Thermal Overload Protector
 A.C. Three Phase -
 380-415 V - 50 Hz
 Direct on line (DOL)
 upto 93kW,
 Star Delta (SD)-
 5.5 kW - 185kW.
 Type of Duty : S1 (Continuous)
 Degree of Protection : IP 58 / IP 68
 Class of insulation : 'Y' / 'F'
 Maximum liquid
 Temperature : 33°C

Mounting dimensions are in accordance
with NEMA STANDARDS



R - SERIES
(WATER COOLED ENCAPSULATED
SUBMERSIBLE MOTORS)

Applications

These prime mover submersible motors are suitable to couple with deepwell submersible pump ends, used for irrigation, domestic water supply, fountains, industrial water supply, pressure boosting units, ponds, gardens, sprinkler systems and mining.

Features

- Can be easily dismantled and repaired
- Higher power factor resulting in lesser power consumption
- High operating efficiency
- Extremely hardwearing water lubricated bearings
- Specially designed thrust bearing to withstand high axial thrust loads
- Larger shaft diameter for better power transmission
- Corrosive resistance stainless steel body
- Stator filled with resin for better heat dissipation

Specifications

Available Nominal Dia : 4" & 6"
 Power range (kW) : 0.37kW - 1.1 kW - 2 wire -
 Single Phase
 0.37kW - 1.5kW - 3 wire -
 Single Phase
 0.37kW - 5.5kW - 3 wire -
 Three Phase
 6" - 5.5kW - 22kW
 Speed : 2900 rpm
 Versions : A.C. Single Phase
 230V-50Hz
 Capacitor Start
 Capacitor Run (CSCR),
 Incorporated with Thermal
 Overload Protector &
 Lightning Arrester
 A.C. Three Phase -
 380-400 V - 50 Hz
 Direct on line (DOL)
 Type of Duty : S1 (Continuous)
 Degree of Protection : IP 68
 Class of insulation : 'F'
 Maximum liquid
 Temperature : 33°C

Mounting dimensions are in accordance
with NEMA STANDARDS



L - SERIES
(OIL FILLED MOTORS)

Applications

These prime mover submersible motors are suitable to couple with deepwell submersible pump ends, used for irrigation, domestic water supply, fountains, industrial water supply, pressure boosting units, ponds, gardens, sprinkler systems and mining.

Features

- High operating efficiency and lesser power consumption
- Extremely hard wearing ball & angular contact bearings
- Corrosive filled with non-toxic oil
- Can be easily dismantled repaired

Specifications

Available Nominal Dia : 4"
 Power range (kW) : 0.37kW - 2.2 kW
 Single Phase
 0.37kW - 7.5kW
 Three Phase
 Speed : 2900 rpm
 Versions : A.C. Single Phase
 230V-50Hz
 Permanent split
 capacitor (PSC)
 A.C. Three Phase -
 380-400 V - 50 Hz
 Direct on line (DOL)
 Type of Duty : S1 (Continuous)
 Degree of Protection : IP 68
 Class of insulation : 'F'
 Maximum liquid
 Temperature : 33°C

Mounting dimensions are in accordance
with NEMA STANDARDS



BS - SERIES
(BOTTOM SUCTION PUMPS)

Applications

Sprinkler irrigation systems, Domestic water supply, Pressure boosting, Civil and industrial applications.

Features

- Most reliable double sealing system
- Silent operation
- Self cooling system
- Aesthetically designed
- Easy to install and handle.

Specifications

Power range (kW) : 0.55kW - 1.5kW
 Single & Three phase
 Speed : 2900 rpm
 Versions : Single phase
 220 V - 240V
 Three phase
 380V - 415V
 Type of duty : S1 (Continuous)
 Degree of protection : IP 68
 Class of insulation : 'F'
 Max. Liquid
 temperature : 40°C
 Permissible amount
 of sand : 25g/m³
 Max. Head : 87m

MULTI STAGE CENTRIFUGAL PUMPS

SEWAGE & DRAINAGE PUMPS



MV - SERIES



MHS - SERIES



MHB - SERIES



SW & DR SERIES

Applications

High rise buildings water pressure boosting and distribution, pumping of clean liquids in industry, Reverses Osmosis process in Industries.

Features

- High operating efficiency
- Precise parts for hygiene
- Good suction lift and operating pressure
- Dynamically balanced rotating parts
- Balanced and rigid construction
- Available M.O.C. Type S, N & C.

Specifications

Power range : 0.37 kW - 45 kW
Speed : 2900 rpm

Versions : Single Phase - 230V, 50Hz, A.C. supply, Permanently connected Capacitor (Permanent Split Capacitor PSC) incorporated with Thermal Overload Protector. Three Phase 415V, 50Hz, A.C. Supply.

Type of duty : S1 (Continuous)
Degree of protection : IP 55 (Optimal IP44, IP54)
Class of insulation : 'B' / 'F'
Flow range upto : 30.5 lps / 110m³ / hr
Head range upto : 300m
Suction lift upto : 7m
Flange size : Upto 100mm
Max. Liquid temp. : 120°C
Max. Ambient Temp. : 40°C

Flow	m ³ /h	2	4	16	32	42	65	90
Head Maximum	m	220	219	225	265	295	220	200
Nominal outlet size	inches	1½x1¼	1½x1½	2x2	2½x2½	3x3	4x4	4x4

Applications

Industrial and Domestic water pressure boosting and distribution, pumping of clean liquids in industry.

Features

- High operating efficiency
- Precise parts for hygiene
- Good suction lift and operating pressure
- Dynamically balanced rotating parts
- Balanced and rigid construction
- Available M.O.C. Type S

Specifications

Power range : 0.4 kW to 3.5 kW
Speed : 2900 rpm.
Version : Single Phase, 200-240V, 50Hz, A.C. Supply, Permanently connected Capacitor

(Permanent Split Capacitor PSC) incorporated with Thermal Overload Protector Three Phase 415V, 50Hz, A.C. Supply.

Type of duty : S1 (Continuous)
Degree of Rotation : Clock wise viewed from driving end
Degree of protection : IP 54
Class of insulation : 'B' / 'F'
Flow range upto : 2.5 lps / 9m³/hr
Head range upto : 55m
Suction lift upto : 7m
Nominal suction x delivery size : 1 x 1, 1¼ x 1 in inches
Max. Liquid Temp. : 90°C
Max. Ambient Temp. : 40°C

Flow	m ³ /h	2.5	5	8	12
Head Maximum	m	53	53	53	51
Nominal outlet size	inches	1x1	1x1	1½x1½	1½x1½

Applications

Domestic & Industrial pressure boosting Small farms, Industries, Car washing

Features

- High operating efficiency
- Good suction lift and operating efficiency
- Dynamically balanced rotating parts
- Inbuilt thermal overload protector in all single phase pumps

Specifications

Power range (kW) : 0.25kW -0.18kW
Single & Three phase

Speed : 2900 rpm
Versions : A.C. Single phase 220 V - 50 Hz
AC incorporation with thermal overload protector
A.C. Three phase - 380V - 50 Hz.

Type of duty : S1 (Continuous)
Degree of protection : IP 55
Class of insulation : 'B' / 'F'
Suction lift up to : 7m
Nominal suction & delivery size (inches): 1 x 1, 1¼ x 1¼ (BSP)

Flow	m ³ /h	1.2	2.4	3.6	4.8	6.8
Head Maximum	m	70	69	66	62	51

Applications

Sewage Pumps

- Drainage of waste from the liberating tank, purifying tank and sewage tank in water treatment plant
- Drainage of sewage from the basement of building, hotel, industry, waste water from factory, and waste water from food processing industry
- Sewage management, accumulated water, septic tank, stock farm
- Drainage of waste water and inclusion containing fibrous admixtures from leather factory and dyeing factory.

Drainage Pumps

- Aquaculture water supply and drainage.
- Water supply for agriculture irrigation, underground water pumping.
- Landscape and horticulture irrigation.
- Pumping of water from river and lakes.

Features

- International standard design: VCT cable, auto-cut, silicon carbide mechanical seal, high grade cast iron, good quality and performance.

- Multiple impeller design, there are three kinds of impeller to handle different sewage and waste water

- Full range from low head to high head, compact and easy installation, equipped with rail system available.

Specifications

Power Range : 0.55kW - 22kW - Sewage
0.35kW - 75kW - Drainage

Speed : 2900 rpm
Versions : A.C. Single phase - 230V-50Hz
3 Phase 415V - 50Hz
Direct on line (0.55 kW - 9.3 kW)

Type of Duty : S1 (Continuous)

Degree of Protection : IP 68

Max. Liquid Temperature : 40°C

CENTRIFUGAL MONOBLOCK PUMPS



CT - SERIES

Applications

Domestic, Irrigation, Farms, Gardens, Industry and Civil applications.

Features

- High operating efficiency resulting in lower power consumption
- Good suction lift characteristics
- Dynamically balanced rotating parts including rotor & impeller
- Balanced and rigid construction.

Specifications

Power range (kW) : 0.37 kW - 1.5 kW
Single Phase
0.37 kW - 15 kW
Three Phase

Speed : 2900 rpm

Versions : A.C. Single Phase - 230V - 50Hz, Permanent Split Capacitor (PSC) Incorporated with Thermal Overload Protector
A.C. Three phase - 380-415V - 50 Hz
Direct on line (DOL)

Type of duty : S1 (Continuous)

Degree of protection : IP 54
Class of insulation : 'B' / 'F'

Suction lift upto : 7 m

Nominal Suction x Delivery size in inches : 1 x 1, 1¼ x 1, 1½ x 1¼, 1½ x 1½, 2 x 1½, 2 x 2, 2½ x 2, 3 x 2½, 3 x 3, 4 x 4

Maximum liquid Temperature : 50° C

Maximum ambient Temperature : 40° C



CTS - SERIES

Applications

Domestic, Irrigation, Industries

Features

- High operating efficiency
- Good suction lift characteristics
- Dynamically balanced rotating parts including rotor and impeller
- Stainless steel parts for hygiene
- Inbuilt thermal overload protector in all single phase pumps
- Sturdy and compact construction

Specifications

Power range (kW) : 0.75kW -1.85kW-
Single & Three phase

Speed : 2900 rpm

Versions : A.C. Single phase 220 V - 50 Hz
AC incorporation with thermal overload protector
A.C. Three phase - 380V - 50 Hz.

Type of duty : S1 (Continuous)

Degree of protection : IP 55

Class of insulation : 'B' / 'F'

Suction lift up to : 7m

Max. Working pressure : 8 bar

Nominal suction & delivery size (inches): 1 ¼ x 1, 1½ x 1 (BSP)

Max. Liquid temperature : +5° C to +60° C

Max. Ambient temperature : 50° C

Flow	m³/h	2	4	6	8	10	12
Head Maximum	m	29.5	27.7	26	24	22	20

SELF PRIMING JET PUMPS



JTS - SERIES

Applications

Shallow wells, Houses, Small farms, Domestic pressure boosting, drinking water supply, Industries.

Features

- High operating efficiency
- Good suction lift characteristics
- Dynamically balanced rotating parts including rotor and impeller
- Stainless steel parts for hygiene
- Inbuilt thermal overload protector in all single phase pumps
- Sturdy and compact construction

Specifications

Power range (kW) : 0.37kW -0.75kW-
Single & Three phase

Speed : 2900 rpm

Versions : A.C. Single phase 220 V, 50HZ, AC incorporation with thermal overload protector
A.C. Three phase 380V - 50HZ

Type of duty : S1 (Continuous)

Degree of protection : IP 54

Class of insulation : 'B' / 'F'

Suction lift up to : 7m

Max. Working pressure : 6 bar

Nominal suction & delivery size (inches): 1 x1 (BSP)

Max. Liquid temperature : +5° C to +60° C

Max. Ambient temperature : 50° C

Flow	m³/h	1	2	3	4
Head Maximum	m	38	31	24.5	10

PERIPHERAL PUMPS



**PE & PS SERIES
(END SUCTION & SELF PRIMING)**

Applications

Domestic, Gardens, Pressure boosting, Washing and Civil applications.

Features

- Sturdy and compact
- Quiet and maintenance free
- Excellent hydraulic performance
- Optimal design
- Good suction capacity
- Brass insert is provided in the pump casing

Specifications

Power range (kW) : 0.37 kW & 0.75 kW
Speed : 2900 rpm

Versions : A.C. Single Phase - 230 V - 50 Hz
Permanent Split Capacitor (PSC) - Incorporated with Thermal Overload Protector
A.C. Three phase - 380 - 415V - 50 Hz.

Type of duty : S1 (Continuous)

Degree of protection : IP 54

Class of Insulation : 'B'

Flow rate upto : 0.87 lps / 3.13 m³/h

Head range upto : 243 ft / 74 m

Suction lift upto : 8 m

Nominal Suction x Delivery Size in inches : 1 x 1

Maximum liquid Temperature : 50° C

Maximum ambient Temperature : 40° C

SWIMMING POOL PUMPS

CIRCULATORY PUMPS

ACCESSORIES



NOVA & VISTA - SERIES

CC - SERIES

CONTROL BOXES

ELECTRONIC PRESSURE CONTROLS

Applications

Swimming pool filtration and recycling

Features

- Noise free operation
- Self priming with inbuilt pre filter
- High operating efficiency resulting at lower consumption
- Dynamically balanced rotating parts including rotor and impeller
- Inbuilt thermal overload protector in all single phase pumps
- Compact construction

Specifications

Power range (kW) : 0.37kW - 2.2 kW
Single & Three phase

Speed : 2900 rpm

Versions : A.C. Single Phase
220V - 50Hz
A.C. incorporation with thermal overload protector
A.C. Three phase
380 V - 50Hz

Type of duty : S1(Continuous)

Degree of protection : IP 55

Class of insulation : 'F'

Motor type : Asynchronous

Normal suction and delivery size (inches) : 2 x 2, 2, 2¼ x 2¼

Suction lift upto : 7m

Flow	m³/h	3	6	12	24	30	34
Head Maximum	m	17	20.9	20.5	17	13.7	7.7

Applications

Domestic heating systems, Air Conditioning, Cooling system, Industrial hot water circulatory systems.

Features

- Tried and trusted
- Highly efficient
- Corrosion free parts and hygiene
- Low wear and tear
- Easy for installation and service
- Multi speed control (3 levels)
- Perfectly and aesthetically designed

Specifications

Type of connection : Screw type

Power range (w) : 75w-210w
(0.1 to 0.3 HP)

Speed : 1080 to 2450 RPM
(3 levels)

Version : A.C. Single Phase
230V - 50Hz

Degree of protection : IP 44

Class of insulation : 'H'

Flow range : 3.5 to 8.4 m³/hr
(60 to 140 LPM)

Head range upto : 8m

Nominal delivery sizes in mm : 15, 20, 25 & 32 mm

Pumping liquid temp: 5°C to 105°C

System pressure : 10 bar

Applications

Controlling & Protecting all kinds of prime movers especially in Submersible Pumps, Centrifugal Pumps etc., used for various applications.

Features of Control Box with Surge arrester and Pump Protection Relay (PPR) :

- Incorporated with surge arresters to protect the pumping system from high voltage surges caused by lightning and the operation of switches on the main power distribution lines
- Technically advanced, highly sensitive pump protection relay (PPR) enables immediate tripping of power supply in overload and underload conditions
- Control boxes with PPR, comprise of autostart provision and phase sequence protection.
- Protects the pumpsets against dry running by sensing the current
- Quick tripping on phase failure and unbalanced voltage conditions
- An option for float switch is provided in the control boxes with PPR for the automatic operation of the pumpset based on water level
- Provision of Ammeter and Voltmeter to check the current and voltage in specific models
- Attractive powder coated sheet metal enclosure

Specifications

Power Range : 0.37 - 2.2 Kw
Single phase
0.37 - 75 Kw
Three phase

Method of connection : Capacitor Start & Capacitor Run (CSCR) - Single phase
Direct On Line (DOL) & Star Delta (SD) - Three phase

Degree of Protection: IP 55 & IP 52

Applications

It can be used for all kinds of small domestic pumps installed in apartments, houses, villas, gardens etc.

Features

- Sets free from operating the pump every time
- Ensure uninterrupted water supply with adequate pressure
- Saves electrically & time
- Protects pump from dry running & back flow of water
- Different models to select. CPV models are supplied with inbuilt pressure gauge
- Colourful LED's to indicate various functions
- Designed for easy installation

Specifications

Ambient Temperature : Maximum +60°C

Liquid Temperature : Maximum +60°C

Cut in Pressure : CPH 15, CPV 15 : 1.5 bar
CPH22 : 2.2 bar, CPV 3A (1.5 to 3.0 bar)

System Pressure : Maximum 10 bar

Supply voltage : 220 / 240 V

Frequency : 50 / 60 Hz

Maximum Current : 10 Amps

Enclosure Class : IP 65

Min.Flow rate : CPH-0.8-1.0 L/m
: CPVS-0.8-1.0 L/m
: CPV - 2.0 L/m

Max. Flow rate : 10000 L/H

ACCESSORIES



**BUTTERFLY VALVES
VB - SERIES**

Applications

Process in Chemical, Pharmaceutical, Power plant, Paper, Sugar, Drilling rigs, Water treatment Plants, Construction Industries.

Features

- No pins are used for the shaft with disc connection; this eliminates the possibility of electrolytic corrosion.
- Unique triple sealing system for shaft sealing eliminates secondary leakage.
- Self lubricated Plain bearings for both drive and non-drive end shaft ensure minimum bearing friction torque.
- Choice of seat and disc material to suit media conditions and service requirement.
- Adaptability to fit between companion flanges for all popular flange standards for the wafer style body.
- Seat liner extending on to the flange contact faces, eliminates the need for separate flange gaskets during installation.
- Excellent adaptability for actuated operation through standardized top flange mounting dimensions for actuator fitment.

Specifications

Type of valve	: Centric Disc Butterfly valve with Rubber lined Body
Body type	: Single Piece, Short wafer or wafer lugged
Seal type	: Integrally bonded, Replaceable
Size Range	: DN50 to DN 600
Pressure Rating	: PN10/PN16
Operating Temperature Range	: -30°C to 180°C (Depending on MOC)
Seat leakage performance	: Tight Shut off
Operation	: Hand lever operation Worm Gear operation Electrical/Pneumatic actuator operation-optional



uPVC COLUMN PIPES

Applications

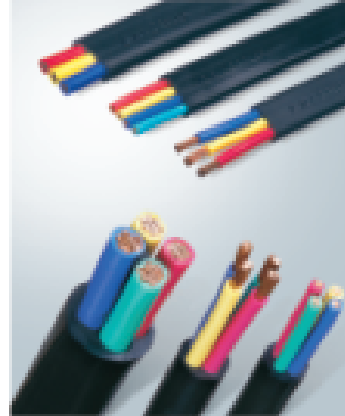
Can be used with All types of deep well submersible pumps

Features

- Rigid construction & durable for even upto 25years.
- Specially designed square threads have very high load holding capacity & these threads do not get corroded, rusted or deteriorate even upto 25years of use. Special rubber seals are provided with the thread to ensure 100% leak proof at high pump pressure.
- Internal surface of these pipes are very smooth, resulting in very low head loss due to friction & water discharge is increased upto the maximum of 30%, when compared with traditional G.I. pipes
- These pipes come in 3m Standard length and are light weight ensuring easy handling during pump installation & removing process.
- Because of its light weight characteristic & special square thread design these pipes can be tightened easily using bare hands itself, evicting the use of pipe wrench.
- uPVC column pipes are resistant to chemical reactions when used in acidic or alkaline waters assuring long life inside the borewell.

Specifications

Nominal Diameter	: 1, 1¼, 1½, 2, 2½, 3, 4 in inches
Class of material	: Standard & Heavy
Weight Carrying Capacity	: Standard 700f / Heavy 1200f / 365m



**SUBMERSIBLE CABLES
KF & KR - SERIES**

Applications

Supplying power to all types of indoor and outdoor portable and fixed pumping equipments.

Constructional features

- High conductivity annealed and bunched flexible electrolytic bright copper conductors
- High grade flexible PVC insulation and PVC / Rubber Sheath
- Good withstanding capacity to high voltage and current
- Substantial reduction in power consumption
- Prolongs the life of electrical installations
- Can withstand any sudden surge current and voltage
- Protects from electrical shocks and any electrical hazards
- Both flat and round cables are available

Specifications

Available sizes in sq.mm	: 1.5, 2.5, 4, 6, 10, 16, 25, 35 & 50
Voltage Rating	: 1100 V
Temperature Range	: -10°C to +70°C
Conductor	: High conductivity annealed and bunched copper
Insulated material	: Flexible water proof PVC
Sheath material	: Flexible water proof PVC/Rubber
Sheath colour	: Black
Core Colour - 3 core	: Red, Yellow and Blue
Core Colour - 4 core	: Red, Yellow, Blue & Green



FLOAT SWITCH

Applications

Houses, Multi-storeyed apartments, Factories, Hospitals, Hostels, Commercial centers, Hotels and Restaurants, Schools & colleges and all places with water tanks.

Features

- Sets you free from operating your pump every time
- Ensures uninterrupted water supply
- Never allows your over head tank to spill over or be empty
- Eliminates water, power & time wastage
- Protects pump from low/high voltage and dry run
- Absence of rigid or fixed part inside the tanks makes cleaning easy

Specifications

Maximum Current	: 10 (4) Amps / 16(4) Amps
Voltage Range	: 125 - 250V, AC
Frequency	: 50 / 60Hz
Maximum Working Temperature	: 55°C
Degree of Protection	: IP 68
Maximum Immersion Depth	: 10 meters
Cable	: Rubber Insulated 3 Core round cable
Cable Size	: 1.0 & 1.5m ²
Cable length	: 1.5m & 2.0m
Operation in specific gravities	: From 0.9 to 1.3
Float Dimensions	: (L):135mm (B):51mm, (H):43mm

Pumps

Pumps that come with high efficiency.

that

Pumps that ensure low power consumption.

bear

Pumps that are symbols of perfection.

the

Pumps that can serve you for a lifetime.

C.R.I.

Pumps that bear the C.R.I. seal.

seal.

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