



C.R.I. FLUID SYSTEMS

Pumping trust. Worldwide.

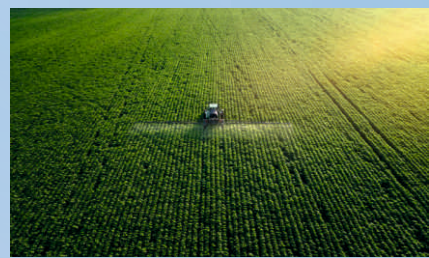
A FULLY INTEGRATED
SYSTEM TO PROVIDE
COST EFFECTIVE
PUMPING SOLUTIONS FOR
**AGRICULTURE
& IRRIGATION**



AGRICULTURE & IRRIGATION SEGMENT

C.R.I. offers a comprehensive pumping solution for agriculture sector to increase the productivity and yield of the crop. When it comes to agriculture pumps for various applications such as ground water, water transfer, pressure boosting, pivot and sprinkler irrigations, C.R.I. has the perfect solution.

Apart from pumps and motors, C.R.I. offers different type of digital, remote monitoring system, smart controllers, pipes, cables and accessories for all kind of agriculture applications to save the energy and precious time.



DEEPWELL SUBMERSIBLE PUMPS STAINLESS STEEL SERIES

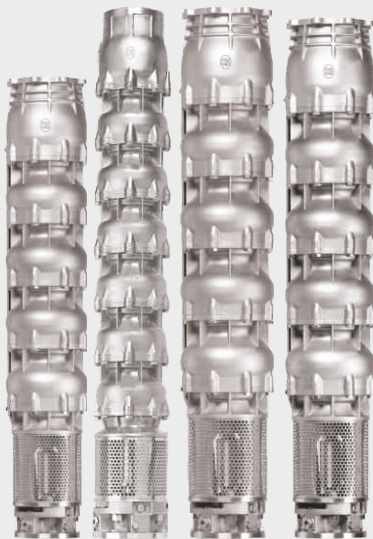


SPECIFICATIONS	50Hz	60Hz
Nominal Diameter	4", 6", 8" & 10"	4", 6", 8" & 10"
Flow	Upto 280m ³ /hr	Upto 1465gpm
Head	Upto 850m	Upto 3366ft
Power Range	Upto 220kW	Upto 300HP
Speed	2900rpm	3450rpm
Outlet Size	Upto 150mm	Upto 6"

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot Irrigation
- Pumping water from deep wells
- Livestock Watering

DEEPWELL SUBMERSIBLE PUMPS STAINLESS STEEL GRAND SERIES



SPECIFICATIONS	50Hz	60Hz
Nominal Diameter	8", 10", 12" & 14"	8", 10", 12" & 14"
Flow	Upto 810m ³ /hr	Upto 3652gpm
Head	Upto 486m	Upto 1348ft
Power Range	Upto 300kW	Upto 400HP
Speed	2900rpm	3450rpm
Outlet Size	Upto 25mm	Upto 9"

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot irrigation
- Pumping Water from Deep Wells
- Livestock Watering



DEEPWELL SUBMERSIBLE PUMPS EVERGREEN GRAND SERIES

SPECIFICATIONS	50Hz	60Hz
Nominal Diameter	8", 10", 12" & 14"	8", 10" & 12"
Flow	Upto 810m ³ /hr	Upto 2904gpm
Head	Upto 489m	Upto 1902ft
Power Range	Upto 300kW	Upto 340HP
Speed	2900rpm	3450rpm
Outlet Size	Upto 225mm	Upto 7"

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot Irrigation
- Pumping Water from Deep Wells
- Livestock Watering



DEEPWELL SUBMERSIBLE PUMPS SILVER LINE SERIES

SPECIFICATIONS	50Hz	60Hz
Nominal Diameter	4"	4"
Flow	Upto 24m ³ /hr	Upto 114gpm
Head	Upto 270m	Upto 1400ft
Power Range	Upto 7.5kW	Upto 10HP
Speed	2900rpm	3450rpm
Outlet Size	Upto 50mm	Upto 2"

APPLICATIONS

- Gardens
- Agriculture & Horticulture
- Pumping water from deep wells
- Sprinkler System
- Livestock watering

DEEPWELL SUBMERSIBLE MOTORS

OIL FILLED (L - SERIES)



SPECIFICATIONS	50Hz	60Hz
Nominal Diameter	4"	4"
Power Range	0.37 - 2.2kW - Single Phase 0.37 - 7.5kW - Three Phase	0.5 - 2.0HP - Single Phase - 2 Wire 0.5 - 3.0HP - Single Phase - 3 Wire 0.5 - 10HP - Three Phase - 3 Wire
Speed	2900rpm	3450rpm
Versions	Single Phase : 230V Three Phase : 380V - 415V	Single Phase - 115V & 230V Three Phase - 230V, 380V & 460V
Liquid Temperature	30 °C	86 °F
Method of Starting	Single Phase - Capacitor Start and Run (CSR), Three Phase - Direct On Line (DOL)	Single Phase - 0.5HP - 2HP Capacitor Start and Run (CSR - 2wire) Single Phase - 0.5HP - 3HP Capacitor Start and Run (CSR - 3wire) Three Phase - Direct On Line(DOL)
Degree of Protection	IP 68	IP 68

APPLICATIONS

- Agriculture & Horticulture
- Gardens
- Turf & Pivot irrigation
- Livestock Watering
- Pumping Water from Deep Wells

DEEPWELL SUBMERSIBLE MOTORS

WATER FILLED (W - SERIES)



SPECIFICATIONS	50Hz	60Hz
Nominal Diameter	4", 6", 7", 8", 10" & 12"	4", 6", 7", 8", 10" & 12"
Power Range	0.37 - 2.2kW - Single Phase 0.37 - 300kW - Three Phase	0.5 - 600HP - Three Phase
Speed	2900rpm	3450rpm
Versions	Single Phase : 230V Three Phase : 380V-415V&525V	Three Phase - 230V, 380V & 460V
Liquid Temperature	Standard - 30 °C High Temperature - 50 °C	Standard - 86 °F High Temperature - 122 °F
Method of Starting	4" - Single Phase-Capacitor Start Capacitor Run (CSCR) 4" - Three Phase-Direct On Line (DOL). 6" - Direct On Line (DOL) & Star Delta (SD)	4" - Direct On Line (DOL) 6" - Direct On Line (DOL) & Star Delta (SD)
Degree of Protection	4" - IP 58 6" - IP 58 & IP 68	4" - IP 58 6" - IP 58 & IP 68

APPLICATIONS

- Agriculture & Horticulture
- Gardens
- Turf & Pivot irrigation
- Livestock Watering
- Pumping water from deep wells

DEEPWELL SUBMERSIBLE MOTORS

RESIN FILLED ENCAPSULATED (R - SERIES)



SPECIFICATIONS	50Hz	60Hz
Nominal Diameter	4" & 6"	4" & 6"
Power Range	0.37-1.1kW-Single Phase-2 Wire-4" 0.37-1.5kW-Single Phase-3 Wire-4" 0.37 - 7.5kW-Three Phase-3 Wire-4" 5.5 - 22kW - Three Phase - 6"	0.5-1.5HP-Single Phase-2 Wire-4" 0.5-5HP-Single Phase-3 Wire-4" 0.5-10HP-Three Phase-3 Wire-4" 5 - 30HP - Three Phase - 6"
Speed	2900rpm	3450rpm
Versions	Single Phase : 230V Three Phase : 380V - 415V	Single Phase - 115V & 230V Three Phase - 230V, 380V & 460V
Liquid Temperature	30°C	86°F
Method of Starting	4" - Single Phase - Capacitor Start Capacitor Run (CSCR) 4" - Single Phase - Capacitor Start Induction Run (CSIR) 4" - Three Phase - Direct On Line (DOL) 6" - Three Phase - Direct On Line (DOL)	4" - Single Phase - 0.5HP - 1.5HP Capacitor Start and Run (CSR) 4" - Single Phase - 0.5HP - 1.0HP Capacitor Start Induction Run (CSIR) 4" - Single Phase - 0.5HP - 5.0HP Capacitor Start Capacito Run (CSCR) 4" - Three Phase - Direct On Line(DOL) 6" - Three Phase - Direct On Line(DOL)
Degree of Protection	IP 68	IP 68

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot Irrigation
- Pumping water from deep wells
- Gardens
- Livestock Watering

CENTRIFUGAL MONOBLOCK PUMPS

CT - SERIES (DIN STANDARD)



SPECIFICATIONS	50Hz	60Hz
Flow	Upto 210m ³ /h	Upto 790gpm
Head	Upto 141m	Upto 265ft
Maximum suction lift	Upto 7m	Upto 23ft
Power Range	2.2 - 30kW	10 - 50HP
Speed	2900rpm	3450rpm
Liquid Temperature	30°C	Upto 86°F
Outlet Size	Upto 65mm	Upto 2½"
Max Working Pressure	10bar	8bar
Flange standard	DIN 24255	DIN 24255

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot irrigation
- Gardens
- Livestock watering

CENTRIFUGAL MONOBLOCK PUMPS

CTT - SERIES



SPECIFICATIONS	50Hz	60Hz
Flow	Upto 56m ³ /h	Upto 158gpm
Head	Upto 66m	Upto 115ft
Maximum suction lift	Upto 7m	Upto 23ft
Power Range	0.37 - 15kW	0.5 - 4HP
Speed	2900rpm	3450rpm
Liquid Temperature	30°C	86°F
Outlet Size	Upto 100mm	Upto 2"
Max Working Pressure	7.8bar	3.5bar

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot irrigation
- Gardens

VERTICAL MULTISTAGE PUMPS

MV - SERIES



SPECIFICATIONS	50Hz	60Hz
Flow	Upto 240m ³ /h	Upto 530gpm
Head	Upto 320m	Upto 982ft
Speed	2900rpm	3450rpm
Power Range	Upto 110kW	Upto 150HP
Outlet Size	Upto 150mm	Upto 4"
Liquid Temperature	Upto 90°C, Optional 120°C	Upto 194°F, Optional 248°F
Material of Construction	Cast Iron & Stainless steel	Cast Iron & Stainless steel
Max. Working Pressure	Upto 32bar	Upto 25bar
Flange standard	DIN	DIN

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot irrigation
- Gardens

CLOSE COUPLED PUMPS

CCW - SERIES



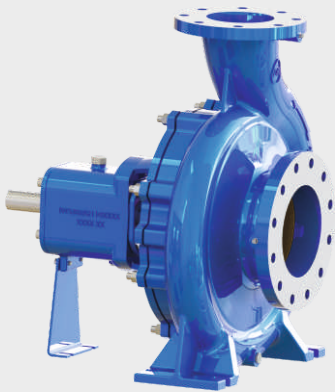
SPECIFICATIONS	50Hz	60Hz
Flow	Upto 550m ³ /h	Upto 2421gpm
Head	Upto 95m	Upto 311ft
Power Range	Upto 45kW	Upto 60HP
Speed	1450 / 2900rpm	1700 / 3450rpm
Liquid Temperature	Upto 90°C	Upto 194°F
Outlet Size	Upto 150mm	Upto 6"
Max Working Pressure	Upto 16bar	Upto 10bar
MOC	Cast Iron, Bronze, Stainless Steel & Alloy steel	Cast Iron, Bronze & Stainless Steel
Flange Standard	DIN	ANSI
Standard	Manufacturer standard	Manufacturer standard

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot Irrigation

END SUCTION LONG COUPLED PUMPS

ECW - SERIES

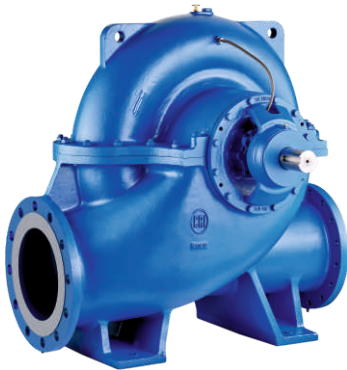


SPECIFICATIONS	50Hz	60Hz
Flow	Upto 600m ³ /h	Upto 2641gpm
Head	Upto 160m	Upto 524ft
Power Range	Upto 200kW	Upto 268HP
Speed	1450 / 2900rpm	1700 / 3450rpm
Liquid Temperature	Upto 90°C	Upto 194°F
Outlet Size	Upto 150mm	Upto 6"
Max Working Pressure	Upto 16bar	Upto 16bar
MOC	Cast Iron, Bronze, Stainless Steel & Alloy steel	Cast Iron, Bronze, Stainless Steel & Alloy steel
Flange Standard	DIN	DIN
Standard	EN 733	EN 733

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot Irrigation

HORIZONTAL SPLIT CASE PUMPS SCW - SERIES



SPECIFICATIONS	50Hz	60Hz
Flow	Upto 4200m ³ /h	Upto 17611gpm
Head	Upto 170m	Upto 490ft
Power Range	Upto 1460kW	Upto 1206HP
Speed	960 / 1450 / 2900rpm	1150 / 1700 / 3450rpm
Liquid Temperature	Upto 90°C	Upto 194°F
Outlet Size	Upto 450mm	Upto 18"
Max Working Pressure	Upto 16bar	Upto 16bar
MOC	Cast Iron, Bronze & Stainless steel	Cast Iron, Bronze & Stainless steel
Flange Standard	DIN	ANSI
Standard	Manufacturer Standard	Manufacturer Standard

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot Irrigation
- Corporate Farming



VERTICAL TURBINE PUMPS VT - SERIES

SPECIFICATIONS	50Hz	60Hz
Flow	Upto 16000m ³ /h	Upto 44028gpm
Head	Upto 250m	Upto 656ft
Power Range	Upto 2400kW	Upto 1340HP
Speed	720 / 960 / 1450 / 2900rpm	720 / 900 / 1150 / 1700 / 3450rpm
Liquid Temperature	Upto 90°C	Upto 194°F
Outlet Size	Upto 900mm	Upto 36"
Max Working Pressure	Upto 25bar	Upto 20bar
MOC	Cast Iron, Bronze, Stainless steel & Alloy steel	Cast Iron, Bronze & Stainless steel
Flange Standard	DIN	ANSI
Standard	Manufacturer Standard	Manufacturer Standard

APPLICATIONS

- Agriculture & Horticulture
- Turf & Pivot irrigation
- Lift Irrigation
- Corporate Farming

SOLAR PUMPING SYSTEM

DC SOLAR PUMPING SYSTEMS (SUBMERSIBLE & SURFACE PUMPS)



SPECIFICATIONS	50Hz	60Hz
Flow	Upto 29m ³ /h	Upto 127gpm
Head	Upto 110m	Upto 360ft
Power Range	120 - 1500Watts	500 - 1500Watts
Speed	3300 - 3600rpm	3300 - 3600rpm
Voltage	24 - 110V, DC	24 - 110V, DC
Outlet Size	Upto 75mm	Upto 3"

APPLICATIONS

- Small Farms
- Livestock Watering

PERMANENT MAGNET SYNCHRONOUS MOTOR FOR SOLAR PUMPS

PMSM - SERIES



SPECIFICATIONS	50Hz	60Hz
Nominal Diameter	4"	4"
Power Range	0.75 - 7.5kW	1.0 - 10HP
Speed	3000rpm	3000rpm
Voltage	80 - 540V, DC	80 - 540V, DC

APPLICATIONS

To be used as prime mover for solar submersible pumps

- Small Farms
- Livestock Watering

uPVC COLUMN PIPES



CRITERIA	SPECIFICATION
Nominal Diameter	1", 1¼", 1½", 2", 2½", 3", 4", 5" & 6"
Types of Pipes	Medium, Standard, Heavy & Super Heavy
Ultimate Breaking Load	Medium - Upto 5200kg, Standard - Upto 16400kg, Heavy - Upto 24000kg & Super Heavy - Upto 31500kg
Maximum Permissible Hydrostatic Pressure	Medium - Upto 21kg/cm ² , Standard - Upto 30kg/cm ² , Heavy - Upto 35kg/cm ² & Super Heavy - Upto 40kg/cm ²
Maximum Installation Depth	Medium - Upto 210m, Standard - Upto 300m, Heavy - Upto 350m & Super Heavy - Upto 400m

APPLICATIONS

- Used as delivery pipe for bore well submersible pumps

CASING PIPES



SPECIFICATIONS	50Hz		
Nominal Diameter	35 - 400mm		
Types	CS Pipe	CM Pipe	CD Pipe
Maximum Installation Depth	80m	250m	400m

APPLICATIONS

- Used as casing pipe in water / deep wells

CABLES



CRITERIA	SPECIFICATION
Std Cable Sizes in Sq.mm	1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120 & 150 (1100V)
AWG Sizes	14, 12, 10, 8, 6, 4, 2, 1, 1/0, 2/0, 3/0, 4/0 & 250 MCM (600V)
Temp Range	-10°C to +70°C / 14°F to 158°F
Insulated Material	PVC / RUBBER
Sheath Material	PVC / RUBBER
Core	3 & 4

APPLICATIONS

- Used as drop cable for submersible motors

W I N N I N G W A Y S

When you have a good thing going it is quite in the fitting of things that recognitions come our way. Several prestigious awards, which decorate our shelf, say it all. These rewards not only acknowledge our position as a leader in the water pump industry but also serve as reminders about what the customer expects from a winner. And we, as ever, have our ears perfectly tuned to customer expectations.



C.R.I. PUMPS (PVT) LIMITED

(International Division)

7/46-1, Keeranatham Road, Saravanampatty, Coimbatore - 641 035. **India.**

Phone : +91-422-7117310, 7117312. Fax : +91-422-7117300, e-mail : cri@crifluidsystems.com website : www.crifluidsystems.com

BOMBAS C.R.I. ESPAÑA, S.L.

Poligono Industrail El.Bony Calle 31, No. 137, 46470
Catarroja (Valencia) **Spain.**

Tel : +34-96 1842 974, Fax : +34-96 1842 977

e-mail : admin-es@crifluidsystems.com website : www.crifluidsystems.com

BOMBAS C.R.I. ESPAÑA S.L. UNIPERSONAL

Via del Progresso 9/13, Pieve Emanuele, 20090, Milano, Italy
E-mail : admin-it@crifluidsystems.com
Website: www.crifluidsystems.com

C.R.I. BOMBAS HIDRÁULICAS LTDA

Av. Rodrigo Fernando Grillo, 457, Jd. Manacas,
CEP - 14.801-534, Araraquara - SP, **Brasil.**

Fone : +55-16-3331 1099, Fax : +55-16-3331 5344

e-mail : cri@cribombas.com.br website : www.cribombas.com.br

Filial : Jabotão dos Guararapes-PE, Brasil.
Fone : (81) 3093-9620, Fax : (81) 3093-9600.

C.R.I. PUMPS S.A. (PTY) LIMITED

P.O. Box 6292, Halfway House, Midrand - 1685,
Johannesburg, **South Africa.**

Tel : +27-11-8058631 / 32, Fax : +27-11-8058630

e-mail : cri-za@crifluidsystems.com website : www.crifluidsystems.com

Branches : Capetown : + 27-21-9499122
Durban : + 27-31-7001814

C.R.I. POMPA SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Izmir Turkey.

E-mail : cri@crifluidsystems.com
Website : www.crifluidsystems.com

C.R.I. FLUID SYSTEMS USA LLC

4655 Wright Rd, Ste 140, Stafford, Texas 77477, **USA**

E-mail : sales.us@crifluidsystems.com

Website : www.crifluidsystems.com

C.R.I. PUMPS (FZC)

P.O. Box 7988, A4-12 SAIF-Zone, **Sharjah**, U.A.E.

Tel : +971-6-5573041 (3 Lines), Fax : +971-6-5573042

e-mail : cri-uae@crifluidsystems.com website : www.crifluidsystems.com

C.R.I. FLUID SYSTEMS INC.,

Polyland Industrial Subdivision, Warehouse #3, Block 4,

Kendex St., Bo. Iba, Meycauayan, Bulacan, **Philippines**, Zip-3017.

Phone : +63 44 762 8887 / +63 44 802 6199, Fax : +63 44 762 8883.

e-mail : sales.ph@crigroups.com

Website : www.crifluidsystems.com

C.R.I. FLUID SYSTEMS (BD) LTD.,

1-Dilkusha C/A, Hotel Purbani Annex -2, 4th Floor,

Dhaka-1000, **Bangladesh.**

E-mail : cri@crifluidsystems.com

Website: www.crifluidsystems.com

C.R.I. PUMPS (Shanghai) Co., Ltd.

Room 510, No 1855 Qixin Road,

Minhang District, **Shanghai** - 201101. China.

Tel : +86-21-54405082, Fax : +86-21-54405083

e-mail : cri@bombascr.com.cn

website : www.crifluidsystems.com

PT. CRI FLUID SYSTEMS

Boutique Office Blok C 10, Kawasan Industri & Pergudangan Marunda Center

Jl. Marunda Makmur, Segaramakmur, Tarumajaya Kab. Bekasi,

Jawa Barat 17211, Indonesia. Phone : 021 - 88998118

Email: sales.id@crifluidsystems.com, Website :www.crifluidsystems.com