



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.



Selfpriming / Non-selfpriming Monoblock Pumpset - ELSA PRO / ELSA / MIKI / DORA / SHINE / XCITE / ROYALE PRIDE / ROYALE / DHOOM / CHAMPEE Series

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.

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.

APPLICATION

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

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	8 Metre
Nominal size (suction x delivery)	15x15 & 25x25 mm

PERFORMANCE CHART

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

SELFPRIMING MONOBLOCK PUMPSET - ELSA PRO, ELSA, MIKI Series

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	23	25	28	30
						20	26	33	39	49	59	69	76	82	90	98
						Discharge in LPH										
ELSA PRO 50	0.37	0.5	SELF PRIMING	25x25	8	1975	1780	1625	1490	1280	1030	915	700	480	240	
ELSA PRO 55	0.37	0.5	SELF PRIMING	25x25	8	1975	1780	1625	1490	1280	1030	915	700	480	240	
ELSA PRO 100	0.75	1	SELF PRIMING	25x25	8	3000	2780	2520	2320	1980	1610	1320	1090	860	430	215
ELSA PRO 105	0.75	1	SELF PRIMING	25x25	8	3000	2780	2520	2320	1980	1610	1320	1090	860	430	215

ELSA PRO 55 and ELSA PRO 105 Models are Copper Coated Winding.

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	28	30	32	35
						20	26	33	39	49	59	69	82	91	98	104	115
						Discharge in LPH											
ELSA 50	0.37	0.5	SELF PRIMING	25x25	8	2095	1920	1750	1610	1400	1155	925	685	430			
ELSA 55	0.37	0.5	SELF PRIMING	25x25	8	1985	1795	1625	1475	1250	1050	815	485				
ELSA 100	0.75	1	SELF PRIMING	25x25	8	2965	2730	2520	2330	2050	1755	1410	950	615	300		
ELSA 101	0.75	1	SELF PRIMING	25x25	8	3140	3065	2875	2700	2440	2190	1845	1440	1110	815	520	
ELSA 105	0.75	1	SELF PRIMING	25x25	8	2990	2760	2585	2385	2150	1910	1690	1440	1245	1080	930	685

ELSA 55 and ELSA 105 Models are Copper Coated Winding.

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	26	28	30	35
						20	26	33	39	49	59	69	82	85	92	98	115
						Discharge in LPH											
MIKI 50	0.37	0.5	SELF PRIMING	25x25	8	2100	1928	1802	1557	1372	1030	824	600	450	250		
MIKI 51	0.37	0.5	SELF PRIMING	25x25	8	2150	2060	1854	1648	1442	1256	1030	782	550	300		
MIKI 55	0.37	0.5	SELF PRIMING	25x25	8	2826	2600	2400	2221	1950	1668	1340	905		583	285	
MIKI 100	0.75	1	SELF PRIMING	25x25	8	3340	3186	3060	2916	2700	2412	2160	1872	1755	1638	1404	830

MIKI 55 Model is Cast Iron Motor Body

PERFORMANCE CHART

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

SELFPRIMING MONOBLOCK PUMPSET - DORA, SHINE, XCITE Series

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								
DORA 50	0.37	0.5	SELF PRIMING	25x25	8	2016	1872	1750	1512	1332	1000	800	360	
DORA 100	0.75	1	SELF PRIMING	25x25	8	3000	2800	2600	2450	2320	2100	1880	1720	1320

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								
SHINE 50	0.37	0.5	SELF PRIMING	25x25	8	2088	2000	1800	1600	1400	1220	1000	760	
SHINE 100	0.75	1	SELF PRIMING	25x25	8	3050	2850	2650	2500	2350	2120	1900	1800	1400

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	35	40	45
						20	26	33	39	49	59	69	82	98	115	131	148
						Discharge in LPH											
XCITE 50*	0.37	0.5	SELF PRIMING	25x25	8	2000	1900	1800	1700	1600	1100	920	680				
XCITE 51*	0.37	0.5	SELF PRIMING	25x25	8	2300	2200	2050	1850	1700	1512	1300	900				
XCITE 100*/ ES	0.75	1	SELF PRIMING	25x25	8	3100	2900	2592	2520	2450	2250	2100	1900	1620	1350	1000	825
XCITE C PLUS 51	0.37	0.5	SELF PRIMING	25x25	8	2300	2200	2050	1850	1700	1512	1300	900				
XCITE C PLUS 100	0.75	1	SELF PRIMING	25x25	8	3100	2900	2592	2520	2450	2250	2100	1900	1620	1350	1000	825

C Plus : Cast Iron Motor Body | ES : Extension Shaft model. * Marked pumpset are having ISI licence.



PERFORMANCE CHART

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

SELFPRIMING MONOBLOCK PUMPSET - ROYALE PRIDE, ROYALE Series

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	35	40	45
						20	26	33	39	49	59	69	82	98	115	131	148
						Discharge in LPH											
ROYALE PRIDE 50	0.37	0.5	SELF PRIMING	25x25	8	3025	2830	2740	2500	2220	2000	1740	1500	1010	525		
ROYALE PRIDE 100	0.75	1	SELF PRIMING	25x25	8	4500	4320	4215	4180	3960	3600	3530	3315	2780	2090	1610	560

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	35	40	45	50	55	58
						20	26	33	39	49	59	69	82	98	115	131	148	164	180	190
						Discharge in LPH														
ROYALE 52*/ ES	0.37	0.5	SELF PRIMING	25x25	8	3150	2950	2808	2600	2448	2200	2088	1800	1500						
ROYALE 100*	0.75	1	SELF PRIMING	25x25	8	3100	3000	2900	2700	2600	2480	2350	2196	1980	1728	1368				
ROYALE 101	0.75	1	SELF PRIMING	25x25	8	3400	3300	3250	3200	3150	3000	2950	2736	2376	2200	1550	1200			
ROYALE 150	1.1	1.5	SELF PRIMING	25x25	8	3888	3800	3750	3700	3600	3500	3400	3300	3060	2750	2450	2000	1350		
ROYALE D PLUS 50	0.37	0.5	SELF PRIMING	25x25	8	2800	2736	2550	2350	2160	1944	1728	1365	936	504					
ROYALE D PLUS 100	0.75	1	SELF PRIMING	25x25	8	3350	3269	3276	3258	3204	3096	2880	2592	2268	1980	1692	1404	1080	756	576
ROYALE E PLUS 100	0.75	1	SELF PRIMING	25x25	8	3350	3269	3276	3258	3204	3096	2880	2592	2268	1980	1692	1404	1080	756	576

D Plus : Die-cast motor body | E Plus : Extruded motor body | ES : Extension Shaft. * Marked pumpset are having ISI licence.



PERFORMANCE CHART

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

SELFPRIMING / NON-SELFPRIMING MONOBLOCK PUMPSET - DHOOM, CHAMPEE Series

WONDER SUCTION

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	35	40	45	50	55
						20	26	33	39	49	59	69	82	98	115	131	148	164	180
						Discharge in LPH													
DHOOM 53	0.37	0.5	WONDER SUCTION	25x25	8	1580	1480	1400	1350	1300	1000	850	550						
DHOOM 150	1.1	1.5	WONDER SUCTION	25x25	8	3200	3150	3100	3000	2950	2900	2800	2700	2500	2350	2000	1650	1200	750
DHOOM D PLUS 52	0.37	0.5	WONDER SUCTION	15x15	8	1880	1833	1761	1660	1458	1295	1108	800	594					
DHOOM D PLUS 75	0.5	0.75	WONDER SUCTION	25x25	8	2048	1995	1925	1865	1775	1656	1500	1286	924	453				
DHOOM D PLUS 100	0.75	1	WONDER SUCTION	25x25	8	2085	2018	1928	1849	1715	1640	1475	1250	978	706				

D Plus : Die-cast motor body

SPECIALLY DESIGNED FOR R.O. APPLICATION

Model	kW	HP	Type	Suction x Delivery in mm	Suction Capacity in mtrs	Total Head in metre / feet																
						6	8	10	15	21	25	30	35	40	45	50	55	60	70	80	90	100
						20	26	33	49	69	82	98	115	131	148	164	180	197	230	262	295	328
						Discharge in LPH																
CHAMPEE 100	0.75	1	NON SELFPRIMING	25x25	8	1700	1650	1600	1500	1380	1300	1200	1100	1000	900	800	700	650	480	320	180	
CHAMPEE 150	1.1	1.5	NON SELFPRIMING	25x25	8	3300	3200	3024	2900	2700	2600	2400	2250	2200	2100	2000	1850	1750	1200	900	400	150

MATERIAL OF CONSTRUCTION - PUMPSET

Part Name	Material
Pump Casing	Cast Iron
Bracket & Rear Cover	Cast Iron / Aluminium
Volute Casing	Forged SS / Brass
Rotor	Aluminium Die Cast
Motor Body	Aluminium Extruded / Die Cast / Cast Iron

MATERIAL OF CONSTRUCTION - PUMPSET

Part Name	Material
Motor Shaft	SS 410
Cooling Fan	Poly Propylene - Co Polimer
Cooling Fan Cover	Poly Propylene - Co Polimer / MS
Impeller	High Tensile Brass
Mechanical Seal	Carbon & Ceramic





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