



STRONGLY BUILT POWERFUL PUMP

C.R.I. OPENWELL
SUBMERSIBLE PUMPSET

C.R.I. PUMPS

Pumping trust. Worldwide.



RYKER
Kisan ka DOST



C.R.I. OPENWELL SUBMERSIBLE PUMPSET - RYKER SERIES

Pumpsets are ideally suitable for openwells or tanks where a wide fluctuation of water level occur. This works under water and rest at the bottom of the well. Prime mover is rewindable, water – cooled motor. Specially designed water lubricated bearings are used to withstand the axial thrust loads with minimum wear and tear. The stator is wound with special waterproof synthetic film insulated copper winding wires and made up of low watt loss silicon steel laminations assembled under pressure and rigidly locked. Motor sealing is made by polymers, 'O' rings, oil seals and sand guard to avoid ingress of well water/salt into the motor. Pressure equalizing rubber diaphragm is provided to guard the motor from pressure and volume variation of water as detailed in our operator's manual. Three phase motor requires an adequate motor protection control panel.



C.R.I. OPENWELL SUBMERSIBLE PUMPSET



Strongly built with enhanced stability



Premium **performance**



CED coat used for rust prevention and **longer life**



Portable pump design for **easy installation**



Friction free journal bearing for smooth operation and low power consumption

Technical Specification:

Power range	3HP to 10HP (2.2 kW to 7.5 kW)
Head range	13 Mtrs to 47 Mtrs
Flow range	4m ³ /hr to 104 m ³ /hr
Version	380-440Volts, Three phase, 50Hz Supply
Pipe size	50x50, 65x50, 75x65

Applications

- Agriculture
- Domestic
- Irrigation
- Gardens
- Industrial
- Rural Water Supply





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Performance Chart :

Horizontal Openwell Submersible Pumpsets 2880 RPM, at Rated Voltage – Three Phase 380 V, 50Hz.

Model	kW	HP	Outlet Size in mm	m ³ /hr lps	DISCHARGE																
					0	14.4	18	21.6	25.2	28.8	32.4	36	39.6	43.2	46.8	50.4	54	57.6	61.2		
RYKER-350	2.2	3	50	Head in Metres	27	26	25.5	25	24	23	21.5	20	18.5	17	14.5						
RYKER-550	3.7	5	50		38		36	35	33	31	28	25	21								
RYKER-551	3.7	5	50		43	41	40	39	37.5	34.5	27										
RYKER-750	5.5	7.5	50		42					41	40	38.5	37	35.5	34.5	32.5	31	29	27		
RYKER-365	2.2	3	65		23			21	20.5	20	19.5	19	18	17.5	16.5	16	15	14	13		
RYKER-565	3.7	5	65		28					26	25	24	23	22	20.5	19	17.5	16	14		

Model	kW	HP	Outlet Size in mm	m ³ /hr lps	DISCHARGE																				
					0	29	40	43	47	50	54	58	61	65	68	72	76	79	83	86	90	94	97	101	104
RYKER-765	5.5	7.5	65	Head in Metres	35	34	33	32	31.5	31	30	29.5	28.5	27.5	26	25	24	23	22	21	20	19	18	17	15.5

Model	kW	HP	Outlet Size in mm	m ³ /hr lps	DISCHARGE																	
					0	32	36	40	43	47	50	54	58	61	65	68	72	76	79	83		
RYKER-950	7.5	10	50	Head in Metres	47	46.5	46	45.5	45	44	43.5	42.5	42	41	39.5	38	37	35	33	32		

Material of Construction - Pumpset

Part Name	Material	Part Name	Material
Rear cover / Bracket	Cast iron	Shaft seal	Nitrile butyl rubber
Stator shell	Cast iron	Thrust assembly	SS 420 with graphite carbon
Shaft	SS 410	Diaphragm	High nitrile butyl rubber
Impeller	Cast iron	Journal bearings	Carbon
Pump casing	Cast iron		



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- 5 decades of engineering excellence • Sold in more than 120 countries
- More than 9000 models of pumps and motors • Over 700 service centres across India
- Fully equipped R&D wing recognized by Ministry of Science and Technology
- ISO 9001 & 14001 accreditations

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*As the design and manufacture of pumps are subject to constant improvement, the product supplied may differ in some details from the information, descriptions, specifications and illustrations given.

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