



C.R.I. PUMPS

Pumping trust. Worldwide.

**PILLAR OF THE NATION &
GOD'S CO-WORKER
C.R.I. FARMER**

RYKER

Kisan ka DOST

Vertical Openwell Submersible Pump



Rigid Construction



Long Durability



High Operating Efficiency



Wide Voltage Operation



Agriculture



Sprinkler



Drip Irrigation



Rural
Water Supply



Industries

C.R.I. PUMPS • PIPES • WIRES & CABLES • SOLAR

Vertical Openwell Submersible Pump



CRI Openwell Submersible 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.

Specifications :

Power Range	2.2 kW - 15 kW (3HP - 20HP)
Speed	2900 rpm
Version	Three Phase 380 - 415V, 50Hz AC Supply
Maximum total head	153 metres
Maximum flow rate	16 lps (57.6 m ³ /hr)
Method of starting	Direct On line (D.O.L), Star Delta(SD)
Type of duty	S1 (Continuous)

Performance Chart :

MODEL	kW	HP	STAGE	Outlet size in MM	M³/Hr	0	14.4	18	21.6	25.2	28.8	32.4	36	39.6	43.2	46.8	50.4	54
					LPS	0	4	5	6	7	8	9	10	11	12	13	14	15
RYKER V365 HD	2.2	3	2	65/80	Head in Meters	41	40	39	38	36	33	29	26	22	18	13	7	-
RYKER V565 HD	3.7	5	2	65/80		49	47	45	44	43	41	38	35	32	29	25	21	13
RYKER V566	3.7	5	3	65/80		62	54	51	47	43	37	31	24	17	-	-	-	-
RYKER V765	5.5	7.5	2	65/80		52	50	48	46	44	43	41	40	37	34	29	20	-
RYKER V766	5.5	7.5	3	65/80		62	60	59	59	55	50	45	39	33	26	18	-	-

