



CTA SERIES - DEEP WELL JET PUMPS

The CTA Series is designed for lifting water from depths beyond the ability of a conventional above ground centrifugal pump. Capable of very high pressures and operation to significant depths, with choice of injectors, this pump design enables installation away from the well whilst retaining their excellent re-priming capability. Also available with a conventional pressure switch and tank for off-grid applications.

FEATURES

- Automatic pressure system.
- Self-priming.
- Quick connect plug & play connection.
- Efficient power consumption.
- Electrophoretic coated to protect against corrosion.
- Suction from depths to 40m.

APPLICATIONS

- Water transfer (tank filling).
- Pressure boosting.
- Stock watering.
- Garden sprinklers.
- Industrial washdown.
- Irrigation.

CONSTRUCTION

Pump	Pump body	Cast iron
	Impeller	Noryl
	Mech. seal	Ceramic / graphite
	Pump shaft	Stainless steel
Motor	Motor housing	Aluminium
	Motor shaft	304 Stainless steel
	Insulation	Class F
	Protection	IP44
	Cooling	External (TEFC)

PERFORMANCE TABLE

Model	Item Number	HP	Power kW	Voltage	Injector Size	Suction Depth (m)	Discharge Pressure (KPA)										
							150	200	250	300	350	400	450	500	550	600	
CTA100	08381100101	1	0.75	240V	P20	10m	34	21	10								
					P20	15m	28	18	8								
					P30	20m	18	12	5								
CTA150	08381100151	1.5	1.1	240V	P20	20m		29	27	22	19	15	10				
					P30	25m				22	20	15	12	10			
					P30	30m				17	16	13	12	11	9		
					P30	35m				17	15	12	11	10	8		
CTA200	08381100201	2	1.5	240V	P10	10m	75	74	73	70	68	65	55	45	26	6	
					P10	15m		54	52	50	45	40	26	16			
					P20	20m		43	40	32	28	22	22	18	16	10	
					P30	25m			28	26	22	22	18	16	10		
					P30	30m			25	24	20	19	17	14	8		
CTA300	08381100301	3	2.2	240V	P30	35m			25	22	18	17	15	12	8		
					P10	10m					86	75	63	52	30	7	
					P10	15m					52	46	30	18			
					P20	20m					32	26	18	10			
					P30	25m						26	25	20	18	12	
					P30	30m						23	22	19	16	10	
					P30	35m						21	19	17	14	10	
P30	40m								16	14	12	6					