

# CHE TAN

# PRODUCT CATALOGUE



## OPENWELL SUBMERSIBLE PUMPSETS

Since 1975



CML-8204056



BEE/TR/0134/09



Selected Models Only

## About Us

Chetan Pumps is a distinguished manufacturer of superior quality and high-efficiency pumps.

### Since 1975,

we are committed to exceeding society's expectations by meeting their dynamic needs & augmenting their lives.

Our world-class manufacturing units **sprawl over 12,000 sq.m. of land at 3 distinct locations** marking an annual production of

### 50,000+ pumps

With an in-house Cast Iron Foundry, exemplary Machining Shops & modern Testing Facilities employing the latest technologies, and R&D Infrastructure, Chetan Pumps is setting a benchmark in the pump industry.



## Company Policy

Delivering high-efficiency pumping solutions to meet the dynamic needs of customers worldwide.

Strongly integrated manufacturing and testing facilities, producing cutting-edge pumps.

Surpassing customer expectations by supplying products on time, in the right quantity, and at the most competitive rates.

## Highlights

- 1 Approved by BIS and BEE
- 2 Rajasthan's 1<sup>st</sup> 5 star rated pump manufacturing company
- 3 ISO 9001:2015 Certified Company
- 4 BSR Approved and Supplying to various Government Organisations
- 5 1500+ variety of pumps including 560+ ISI approved models
- 6 47+ pioneering years in the pump industry

## Vision

**Evolving as the most entrusted brand in the pump industry by 2030.**

Our products emphasize the betterment of communities globally through innovative and sustainable engineering solutions.

By delivering value to every section of society, using our world-class framework, we aim to be the foremost choice of customers.

# Openwell Submersible Pumpsets

Chetan Pumps are perfectly crafted from premium quality raw material with top quality standards to ensure more durability. Each pump from us is designed, engineered and tested extensively in real-life conditions for hassle-free operations. Our pumps are equipped with low-friction; low-power consumption and high-efficiency motors that will help you achieve maximum discharge. Our pumps are designed to ensure extended service life with zero to minimal need for maintenance.



## Salient Features

- ✓ Each pump is fabricated from precisely machined components crafted with highly advanced equipment which includes CNC machines that ensure low maintenance & longer life.
- ✓ Crafted to withstand and smoothly operate even severe voltage-fluctuation conditions with ease.
- ✓ Equipped with an ultra-modern and innovative sand fighter design that prevents sand from entering and damaging the pump in sandy regions.
- ✓ Engineered to operate with minimum vibration and noise with dynamically balanced components for longer life.
- ✓ Constructed with special grade engineering materials, compact designs for ease of handling and installation.
- ✓ Specially designed stators with Low-watt Silicon steel lamination equipped with water proof synthetic film insulated copper winding wires for better performance.
- ✓ Equipped with extremely robust and rigorously tested thrust bearings to ensure high axial load

## Applications

- ✓ Agriculture
- ✓ Irrigation
- ✓ Domestic
- ✓ Multi Storey Buildings
- ✓ Rural Water Supply
- ✓ Fountains

## Specifications

<b>Power Range</b>	0.37 - 5.5 kW (0.5 - 7.5 HP)
<b>Head Range</b>	Upto 48 meters
<b>Discharge Range</b>	Upto 800 LPM
<b>Voltage Range</b>	180 - 240 Volts (Single Phase) 350 - 415 Volts (Three Phase)
<b>Method of Starting</b>	1 Ph - CSCR; 3 Ph - D.O.L
<b>Type of Duty</b>	S1 (Continuous)
<b>Type of Cooling</b>	Water Filled

## Material of construction

<b>Impeller</b>	Stainless Steel / Cast Iron / Noryl
<b>Delivery Casing</b>	Cast Iron
<b>Motor Body</b>	Stainless Steel / Cast Iron
<b>Rear Cover</b>	Cast Iron
<b>Front Bracket</b>	Cast Iron
<b>Shaft</b>	Stainless Steel
<b>Journal Bushes</b>	LTB
<b>Thrust Bearing Assembly</b>	Carbon & Stainless Steel



# Performance Chart

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

Stainless Steel Body

Model	Power Rating		Outlet Size in mm	Head In Meters	Discharge In LPM										
	kW	HP			0	10	20	50	70	80	90	100	115	130	150
OW5 - S / 0.5	0.37	0.5	25		22	21	19	17	19	15	14	13	12	8	
OW5 - S / 1	0.75	1	25		28	27	26	23	21	20	19	18	16	15	9

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

Stainless Steel Body

Model	Power Rating		Outlet Size in mm	Head In Meter	Discharge In LPM										
	kW	HP			0	200	220	290	320	350	420	540	590	650	720
OW7 - S / 2	1.5	2	50		30	28	26	24	21	15	10				
OW7 - S / 3	2.2	3	50		34	31	30	28	25	24	23	19	15	12	7
OW7 - S / 5	3.7	5	50		39	37	36	34	33	32	27	24	22	17	8

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

Cast Iron Body

Model	Power Rating		Outlet Size in mm	Head In Meter	Discharge In LPM										
	kW	HP			0	200	220	290	320	350	420	540	590	650	720
OW7 - C / 2	1.5	2	50		30	28	26	24	21	15	10				
OW7 - C / 3	2.2	3	50		34	31	30	28	25	24	23	19	15	12	7
OW7 - C / 5	3.7	5	50		39	37	36	34	33	32	27	24	22	17	8

2880 RPM, At Rated Voltage – Three Phase 380 – 415 Volts, 50 Hz, A.C. Supply.

Cast Iron Body

Model	Power Rating		Outlet Size in mm	Head In Meter	Discharge In LPM										
	kW	HP			0	200	290	340	350	370	390	460	550	610	710
OW7 - C / 2	1.5	2	50		30	27	24	16	14	12	10				
OW7 - C / 3	2.2	3	50		33	31	29	28	24	25	23	22	15	12	7
OW7 - C / 5	3.7	5	50		39	38	36	34	32	30	28	25	21	16	8

2880 RPM, At Rated Voltage – Three Phase 380 – 415 Volts, 50 Hz, A.C. Supply.

Cast Iron Body

Model	Power Rating		Outlet Size in mm	Head In Meter	Discharge In LPM										
	kW	HP			0	310	350	400	460	500	575	600	675	710	870
OW9 - C / 3	2.2	3	50		34	31	30	29	27	26	24	23	21	13	10
OW9 - C / 5	3.7	5	50		44	41	40	39	37	36	35	34	30	27	15
OW9 - C / 7.5	5.5	7.5	50		50	48	47	46	45	43	40	38	35	30	11

# CHETAN

## Credibility . Commitment . Convenience



**Triveni Pumps  
Pvt. Ltd.**



0141-4031-756



[info@chetanpumps.com](mailto:info@chetanpumps.com)



+91-99299-22251



[www.chetanpumps.com](http://www.chetanpumps.com)



G-461, Road No. 9A, V.K.I. Area, Jaipur - 302013,  
Rajasthan, India