



chetak

Always Leading into the race of excellence
SINCE 1983



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PRODUCT CATALOG

DOMESTIC | AGRICULTURE | INDUSTRIAL

Openwell Pump, Centrifugal Monoblock Pump,
Self Priming Pump, Borewell Pump (V4, V6, V8),
0.25 to 20 HP Three Phase Motors,
0.25 to 3.0 HP Single Phase Motors, Looms,
Flange, Torque Motors, Flour Mill.

► About Us...

As India's driving producer of vitality effective submersible pumps, we are outstanding in our industry. We make our items for various areas including farming, mechanical, local and plant.

None the less, this wasn't generally the case. Since our unassuming beginnings in **1983**, we have endeavour to get to where we are today and have needed to grasp each open door that has come to our direction. Fortunately, a mix of energy, coarseness, and assurance connotes that our business has not just developed, it has really prospered. Furthermore, now, we are glad to have the capacity to state that we have accomplished our main objective - to be the absolute best at what we do.

Submersible pumps won't be everybody's concept of fervour, but rather for us they are only that. In 1983 we chose we needed Chetak Pumps to wind up noticeably a globally known name in the fabricate of stainless steel submersible pumps and Motors. What's more, guess what? We did it.

Here at Chetak we highly esteem being viewed as pioneers in the make of submersible pumps and Motors. Rivalry in this field is wild and we are contending with various all around prestigious organizations. Be that as it may, it is our utilization of cutting-edge forms and inventive outlines, every one of the signs of Chetak, which has separate us from the rest. It is both our groundbreaking ethos and scrupulousness that has helped us work our way up to wind up plainly world class.

Being in this position - a worldwide pioneer of such inventive innovation - implies that Chetak can concentrate on the things that extremely matter; that is creating the most astounding quality, most vitality proficient pumps conceivable. Our pumps are vitality productive, as well as durable and simple to keep up

Since we have possessed the capacity to put quality as an inseparable unit with vitality effectiveness Chetak is at the cutting edge of the worldwide pump industry. To put it plainly, we can offer our clients a portion of the best pumping arrangements accessible on the planet today

► Borewell Submersible Pumps

SPECIFICATION:

	V4	V6	V8
Power Range	: 0.5 HP - 3.0 HP 1 Phase 0.5- 5.0 HP in 3 Phase	: 3-20 HP 3 Phase	: 5.0–25 HP in 3 phase
Speed	: 2850 rpm.	: 2850 rpm.	: 2850 rpm.
Discharge range	: 20-250 lpm	: 90 - 1200 lpm	: 700 - 2000 lpm
Head range	: 24-120 mtr	: 11 - 260 mtr	: 14 - 112 mtr
Outlet size	: 25 - 50 mm	: 50 - 75 mm	: 62 - 100 mm
Version	: 220-240V, 50 Hz,A.C. 1Phase 350-440V-3 phase	: 350-440v 3 phase 50 HZ	: 350-440V - A.C 50 Hz –3 Phase
Max.Outer diameter	: 100 mm	: 150 mm	: 200 mm
Duty	: S1 (Continuous)	: S1 (Continuous)	: S1
Method of starting	: Star / DOL	: DOL/Star Delta in 3 Phase	: DOL/Star Delta in 3 Phase
Mounting	: As per Nema	: As per Nema	: As per Nema

MOC OF PUMP:

NRV Housing	: Cast Iron
Valve Sheet	: Cast Iron
Impeller	: Stainless Steel 410 / Bronze / Noryl
Pump Shaft	: Stainless Steel 410 / 431
Suction inter Connector	: Cast Iron
Coupling	: Stainless Steel 410

MOC OF MOTOR:

Upper, Lower Housing & Motor Base	: Cast Iron (Regular)
Stator Body	: Stainless Steel 410
Shaft	: Stainless Steel 410
Bearing	: Standard
Journal Bush	: Leaded Bronze / Nitri Rubber

APPLICATION:

- Water supply from bore well
- Municipal & Irrigation purpose
- Water supply in commercial establishments
- Small farms, gardening & nurseries.



▶ Centrifugal Monoblock Pumps

SPECIFICATION:

Power Range	: 0.25 – 2.0 HP Single Phase 0.5 – 10.0 HP Three Phase
Version	: 220-240V, 50 Hz, A.C.-1 Phase Permanent Split capacitor (PSC) Incorporated, 350-440 V -3Phase
Speed	: 2880 rpm.
Duty	: S1 (Continuous)
Insulation	: Class E
Discharge range	: 30-1250 lpm
Head range	: 08-35 Mtr
Suction lift up to Max.	: 5 meter
Suction x Delivery size	: 12.5 - 75 mm

APPLICATION:

- Spinklers, Drip Irrigation & Flooding
- In Farms & Gardens
- Industrial, Fountains & Pools
- High-rise Buildings for Water Circulation
- Fire Fighting set up

MOC OF PUMP:

Pump Casing	: Cast Iron
Motor Body	: Cast Iron
Impeller	: Cast Iron / PVC
Shaft	: EN-8
Sealing	: Mechanical Seal (Carbon & Ceramic) Or Asestors Gland Rope Packing



▶ Self Priming Pumps

SPECIFICATION:

Power Range	: 0.5 – 2.0 HP Single Phase 0.5 – 3.0 HP Three Phase
Version	: 220-240V, 50 Hz, A.C.-1 Phase Permanent Split capacitor (PSC). 350-440 V -3Phase
Speed	: 1440/2880 rpm.
Duty	: S1 (Continuous)
Insulation	: Class E
Discharge range	: 10-100 lpm
Head range	: 10-150 Feet
Suction lift up to Max.	: 5 meter
Suction x Delivery size	: 12 - 50 mm

APPLICATION:

- Domestic establishments
- Small Irrigation & landscape
- Small Farms & resorts
- Gardens & Nurseries
- Industry & Civil applications

MOC OF PUMP:

Pump Casing	: Cast Iron / Stainless Steel
Motor Body	: Cast Iron / Aluminum Alloy
Impeller	: Bronze
Diffuser	: Stainless Steel / Bronze
Shaft	: EN-8
Sealing	: Mechanical Seal (Carbon V/s Ceramic)



▶ Open Well Submersible Pumps

SPECIFICATION:

Power Range	: 0.5 – 7.5 HP
Version	: 200 - 240 V, 350-440V ,A.C., 50 Hz
Speed	: 2880 rpm
Duty	: S1 (Continuous)
Discharge range	: 100 – 1200 lpm
Head range	: 12 – 30 meter
Suction x Delivery size	: 25 – 75 mm

MOC OF PUMP:

Rear Cover / Bracket	: Cast Iron
Stator Shell	: S.S 304 / Equivalent
Shaft	: SS 410
Impeller	: Cast Iron / S.S /Nylon / Noryl
Pumps Casting	: Cast Iron / Stainless Steel
Seal	: NBR
Thrust Bearing Set	: Leaded Bronza and Composites / SS V/s Carbon / SS V/s Fiber
Diaphragm	: NBR
Journal Bearings	: LTB 4

APPLICATION:

- Lift from Rivers and canals for irrigation.
- Domestic water supply to multistary
- Swimming pool & fountains.
- Water supply in commercial establishments
- For ETP, STP & WTP purpose



▶ Looms Motor

SPECIFICATION:

H.P.	: 0.5 - 1.5	Voltage & Frequency	: 415 ± 5 % 50 Hz
K.W.	: 0.37 - 1.1	Rotor	: Aluminium Die Cast
Frame	: 100 & 112	Stator	: CRNO
RPM	: 1000 - 750	Bearing	: Standard
Pole	: 6,8	Protection	: IP 44
Insulation	: "B" A, E	Enclosure	: T.E.F.C
Rating	: S1 (Continuous)	Earthing Terminal	: Two sides (T/box & foot)
Shaft	: M.S		



▶ Single Phase Induction Motor

SPECIFICATION:

H.P	: 0.25 - 3.0
K.W	: 0.18 - 2.2
Frame	: 90 - 112 - 132
Rpm	: 1500/3000
Pole	: 2,4
Voltage & Frequency	: 220 ± 5% 50 Hz
Insulation	: "E"
Rating	: S1 (Continuous)
Shaft	: M.S
Rotor	: Aluminium Die Cast
Stator	: CRNO
Bearing	: Standard
Protection	: IP 44
Enclosure	: T.E.F.C
Earthing	: Two sides (T/box & foot)

FEATURE:

- High efficient
- Noise Free
- Vibrating free
- Low running cost
- Durable
- Smooth finishing
- Cost effective
- Precision design



▶ Three Phase Standard Motor

SPECIFICATION:

H.P	: 0.25 - 20
K.W	: 0.18 - 15
Frame	: 71 - 180
Rpm	: 3000/1500/1000/750
Pole	: 2,4,6,8
Voltage & Frequency	: 415 ± 5 % 50 Hz
Insulation	: "B",A,E
Rating	: S1 (Continuous)
Shaft	: M.S
Rotor	: Aluminium Die Cast
Stator	: CRNO
Bearing	: Standard
Protection	: IP 44
Enclosure	: T.E.F.C
Earthing	: Two sides (T/box & foot)

FEATURE:

- High efficient
- Economical Price
- Long Life
- Durable
- Smooth finishing
- Precision design



Note:

'CHETAK' Flange Mounted, Special Two Speed Motors, Looms Motor Torque Motor & Other Special Motors are Available on request.



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