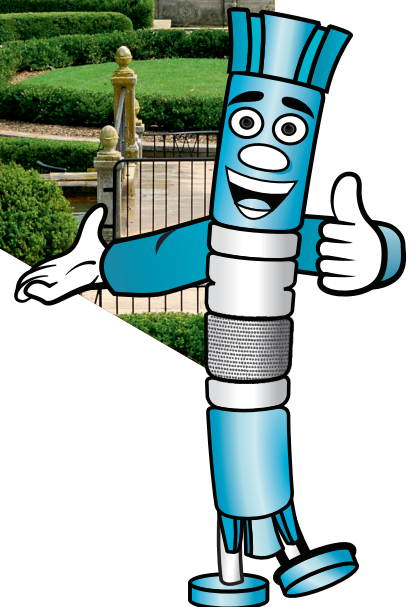
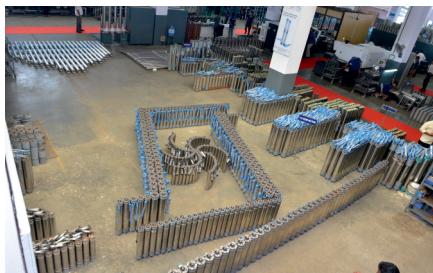


# FLOTECH<sup>®</sup>



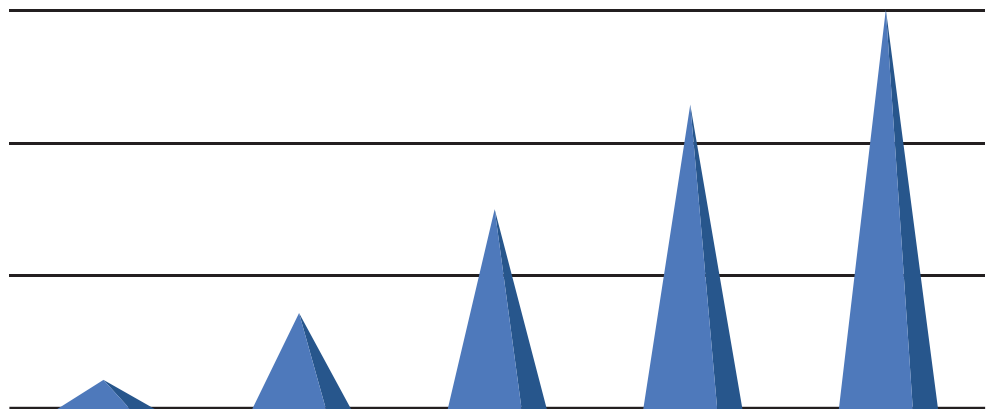








## PROGRESS PATH



» Year	1991	2001	2011	2021	Vision 2025
» Model	10	300	1200	1700	2500+
» Annum Production	1500	12000	36000	113000	300000+
» Man Power	10	50	145	200	250
» No. Of Dealers	20	250	700	1200	2000
» Export in Countries	-	-	1	12	20



## APPROVALS

**FLOTECH®**

<b>B.I.S.</b>	Bureau Of Indian Standard Certified Company (ISI)
<b>B.E.E.</b>	Bureau Of Energy Efficiency Certified Submersible Pumpset - Star Rating
<b>G.W.S.S.B.</b>	Gujarat Water Supply And Sewerage Board
<b>C.E.</b>	Certified For European Conformity
<b>K.U.W.</b>	Karnataka Urban Water Supply And Drainage Board Gives Certificate Of Satisfactorily Of Quality And Performance.
<b>M.P. AGRO</b>	Registered With Madhya Pradesh State Agro Industries Development Corporation Ltd.
<b>M.J.P.</b>	Maharashtra Jeevan Pradhikaran Certified
<b>PHE (M.P.)</b>	Public Health Engineering Department - M.P.
<b>WASMO</b>	Water & Sanitation Management Organisation (gujarat)
<b>(U.P.) Jal Nigam</b>	Uttar Pradesh Jal Nigam (Nagariya) - Lucknow
<b>NSIC</b>	National Small Industries Corporation Certified Submersible Pumpset
<b>GWIL</b>	Gujarat Water Infrastructure Limited
<b>IR</b>	Indian Railway
<b>S.C.R.</b>	South Central Railway Gives Certificates Of Energy Saving Pumpset. Up To 57%
<b>BIHAR</b>	Agriculture Department Of Bihar

## AWARDS



**बेस्ट क्वालिटी नेशनल अवार्ड (प्रथम क्रमांक)**

26 फरवरी 2020 के दिन नई दिल्ली में केंद्रीय मंत्री श्री नितिन गडकरी से अवार्ड स्वीकार करते हुए कंपनी के डायरेक्टर.





## THE BEGINNING

**FLOTECH<sup>®</sup>**

FLOTECH Engineering Pvt. Ltd. Established in 1991 in 1050 Sq. yards area with limited facilities and manpower. A great vision of making best quality pumps with continuous focus and investments in equipments, research & infrastructure. The Founders dream was come true as the small unit they started kept growing rapidly.

## THE INFRASTRUCTURE

Now FLOTECH having latest plant with 1,50,000 Sq.ft. built up area with modern production, inspection, testing & dispatch facility. We are producing around 1700 model from 0.5 H.P. to 125 H.P. competely in house facility with production capacity up to 800 pumpset per day. We also have corporate office in 13,500 sq.ft. and conference hall in 5400 sq.ft. area

## OUR NETWORK

Currently we have pan india market from jammu & Kashmir to karnataka and from gujarat to assam with more than 1200 dealers. we have export Network in middle east & African countries. We also have branch office in some Potential cities.

## VISION 2025

We are growing rapidly in last few years and now we aiming that we will make most reliable & efficient products which make us a most trustable brand across the World.



## SELF PRIMING PUMPSET



## Material of Construction

Motor Body	Extruded Aluminium With Powder Coating
Motor & Pump Shaft	S.S. 410
Winding Wire	EC Grade 99.9% Pure Copper
Journal Bearing	Double Shilded Ball Bearing
Mechanical Seal	Carbon Vs. Ceramic
Housing, Bracket & Casing	FG 260 Grade Cast Iron
Impeller	Brass

## Technical Details

H.P. Range	0.5 & 1.0 H.P. Single Phase
Operating Head Range	10 to 40 Metre
Operating Discharge Range	800 to 3200 LPH / 0.8 to 3.2 m3/h
Operating Voltage Range	160 to 240 Volt Single Phase
Rated Volts/Frequency	220 Volt / 50 Hz, +6% & -15% in SP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water



## CENTRIFUGAL MONOBLOCK PUMPSET



Material of Construction	
Motor Body	FG 260 Grade Cast Iron
Motor & Pump Shaft	S.S. 410
Stamping	CRNGO
Winding Wire	EC Grade 99.9% Pure Copper
Journal Bearing	Double Shielded Ball Bearing
Bracket, Casing & End Cover	FG 260 Grade Cast Iron
Impeller	FG 260 Grade Cast Iron

Technical Details	
H.P. Range	1.0 to 5.0 H.P. Single Phase 1.0 to 7.5 H.P. Three Phase
Operating Head Range	6 to 54 Metre
Operating Discharge Range	80 to 1460 LPM / 4.8 to 87.6 m³/h
Operating Voltage Range	150 to 240 Volt Single Phase 280 to 415 Volt Three Phase
Rated Volts/Frequency	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water



## OPENWELL MINI / S.S. SUBMERSIBLE PUMPSET



FTH



FCS



DISCOVERY

### Material of Construction

Motor Body	Stainless Steel / Cast Iron
Motor & Pump Shaft	S.S. 410
Stamping	CRNGO
Winding Wire	EC Grade Copper ( Polywrap )
Journal Bearing	LTB-4
Thrust Bearing	Compestos Vs. LTB-4
Housing, Casing & Bracket	FG 260 Grade Cast Iron

### Technical Details

H.P. Range	0.5 to 3.0 H.P. Single Phase 1.0 to 5.0 H.P. Three Phase
Operating Head Range	11 to 44 Metre
Operating Discharge Range	50 to 910 LPM / 3.0 to 54.6 m³/h
Operating Voltage Range	180 to 240 Volt Single Phase 300 to 415 Volt Three Phase
Rated Volts/Frequency	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water



## OPENWELL SUPREME SUBMERSIBLE PUMPSET

Material of Construction	
Motor Body	FG 260 Grade Cast Iron
Motor & Pump Shaft	S.S. 410
Stamping	CRNGO
Winding Wire	EC Grade Copper (Polywarp)
Journal Bearing	LTB-4
Thrust Bearing	Carbon Vs. Self Align S.S. 420 Segments
Housing, Casing, Impeller & Bracket	FG 260 Grade Cast Iron

Technical Details	
H.P. Range	3.0 & 5.0 H.P. Single Phase 3.0 to 7.5 H.P. Three Phase
Operating Head Range	6 to 50 Metre
Operating Discharge Range	230 to 1640 LPM / 13.8 to 98.4 m³/h
Operating Voltage Range	190 to 240 Volt Single Phase 300 to 415 Volt Three Phase
Rated Volts/Frequency	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water
Method of Starting for Three Phase	3.0 H.P. to 7.5 H.P. DOL



## OPENWELL PREMIUM SUBMERSIBLE PUMPSET



Material of Construction	
Motor Body	FG 260 Grade Cast Iron
Motor & Pump Shaft	S.S. 410
Stamping	CRNGO
Rotor	Copper Rotor
Winding Wire	EC Grade Copper (Polywarp)
Journal Bearing	LTB-4
Thrust Bearing	Carbon Vs. Self Align S.S. 420 Segments
Housing, Casing, Impeller & Bracket	FG 260 Grade Cast Iron

Technical Details	
H.P. Range	5.0 to 25.0 H.P. Three Phase
Operating Head Range	12 to 75 Metre
Operating Discharge Range	230 to 2600 LPM / 13.8 to 156.0 m³/h
Operating Voltage Range	160 to 240 Volt Single Phase 300 to 415 Volt Three Phase
Rated Volts/Frequency	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water
Method of Starting for Three Phase	5.0 H.P. & 7.5 H.P. DOL 10 H.P. to 25 H.P. Star Delta

## OPENWELL VERTICAL SUBMERSIBLE PUMPSET



5.0 to 10.0 H.P.



12.5 to 20.0 H.P.

### Material of Construction

<b>Bowl</b>	FG 260 Grade Cast Iron
<b>Impeller</b>	FG 260 Grade Cast Iron / S.S. 410
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	FG 260 Grade Cast Iron
<b>Motor &amp; Pump Shaft</b>	S.S. 410
<b>Rotor</b>	Copper Rotor
<b>Winding</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. Self Align S.S. 420 Segments
<b>Housing, Suction, Outlet &amp; Base</b>	FG 260 Grade Cast Iron

### Technical Details

<b>H.P. Range</b>	5.0 H.P. Single Phase 5.0 to 20.0 H.P. Three Phase
<b>Operating Head Range</b>	28 to 160 Metre
<b>Operating Discharge Range</b>	230 to 1600 LPM / 13.8 to 96.0 m³/h
<b>Operating Voltage Range</b>	200 to 240 Volt Single Phase 300 to 415 Volt Three Phase
<b>Rated Volts / Frequency</b>	220 Volt +6% & -15% / 50 Hz in SP 415 Volt +6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water
<b>Method of Starting for Three Phase</b>	5.0 H.P. to 7.5 H.P. DOL 10 H.P. to 20 H.P. Star Delta

## V3 RADIAL FLOW SUBMERSIBLE PUMPSET



Material of Construction	
<b>Bowl</b>	GF 30 Noryl with S.S. 304 Neckring
<b>Impeller</b>	GF 30 Noryl
<b>Stamping</b>	CRNGO
<b>Motor &amp; Pump Shaft</b>	S.S. 410
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper (Polywarp)
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon / Teflon Vs. S.S. 420 Segments
<b>Housing, Base, Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

Technical Details	
<b>H.P. Range</b>	0.5 H.P. to 1.25 H.P. Single Phase
<b>Operating Head Range</b>	12 to 119 Metre
<b>Operating Discharge Range</b>	15 to 70 L.P.M. / 0.9 to 4.2 m³/h
<b>Operating Voltage Range</b>	160 to 240 Volt Single Phase
<b>Rated Volts/Frequency</b>	220 Volt / 50 Hz, +6% & -15%
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water



## V4 FABRICATED SUBMERSIBLE PUMPSET - 100 mm



Material of Construction	
Bowl & Impeller	S.S. 304 Sheet Metal
Stamping	CRNGO
Motor Body	Stainless Steel
Motor & Pump Shaft	S.S. 431 / 410
Rotor	Copper Rotor
Winding Wire	EC Grade Copper (Polywarp)
Journal Bearing	LTB-4 / Carbon
Thrust Bearing	Carbon Vs. S.S. 420 Segments
Housing, Connection Plate & Base	FG 260 Grade Cast Iron
Suction & Outlet	S.S. 304

Technical Details	
H.P. Range	1.0 to 5.0 H.P. Single Phase 3.0 to 10.0 H.P. Three Phase
Operating Head Range	15 to 375 Metre
Operating Discharge Range	50 to 250 LPM / 3.0 to 15.0m³/h
Operating Voltage Range	160 to 240 Volt Single Phase 300 to 415 Volt Three Phase
Rated Volts/Frequency	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water
Method of Starting for Three Phase	1.0 to 7.5 H.P. DOL 10.0 H.P. Star Delta

## V4 PREMIUM RADIAL FLOW SUBMERSIBLE PUMPSET - 100 mm



Material of Construction	
<b>Bowl</b>	GF 30 Noryl with S.S. Neckring
<b>Impeller</b>	GF 30 Noryl with S.S. Neckring
<b>Stamping</b>	CRNGO
<b>Motor &amp; Pump Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410 / 431
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4 / Carbon
<b>Thrust Bearing</b>	Carbon Vs. S.S. 420 Segments
<b>Housing, Base, Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

Technical Details	
<b>H.P. Range</b>	0.5 to 5.0 H.P. Single Phase 1.0 to 6.0 H.P. Three Phase
<b>Operating Head Range</b>	9 to 363 Metre
<b>Operating Discharge Range</b>	22 to 360 L.P.M. / 1.32 to 21.6 m³/h
<b>Operating Voltage Range</b>	160 to 240 Volt Single Phase 300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water

## V4 MIX FLOW SUBMERSIBLE PUMPSET - 100 mm



Material of Construction	
Bowl	S.S 410
Impeller	Nylon 6 with S.S. Neckring
Stamping	CRNGO
Motor Body	Stainless Steel
Motor & Pump Shaft	S.S. 410 / 431
Rotor	Copper Rotor
Winding Wire	EC Grade Copper ( Polywarp )
Journal Bearing	LTB-4 / Carbon
Thrust Bearing	Carbon Vs. S.S. 420 Segments
Housing, Base, Suction & Outlet	FG 260 Grade Cast Iron

Technical Details	
H.P. Range	2.0 H.P. to 5.0 H.P. Single Phase 2.0 H.P. to 6.0 H.P. Three Phase
Operating Head Range	10 to 68 Metre
Operating Discharge Range	150 to 350 LPM. / 9.0 to 21.0 m³/h
Operating Voltage Range	160 to 240 Volt Single Phase 300 to 415 Volt Three Phase
Rated Volts / Frequency	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
Max. Temp. of Water	40° C
Max. Permissible Amount of Sand in the Water	50 Gram/Cubic Metre Water



## V4 ZEEL RADIAL FLOW SUBMERSIBLE PUMPSET - 96 mm



Material of Construction	
<b>Bowl</b>	Virgin Noryl With S. S. Neckring
<b>Impeller</b>	Virgin Noryl
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4 / Carbon
<b>Thrust Bearing</b>	Carbon Vs. S.S. 420 Segments
<b>Housing, Base, Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

Technical Details	
<b>H.P. Range</b>	1.0 H.P. to 3.0 H.P. Single Phase 1.0 H.P. to 3.0 H.P. Three Phase
<b>Operating Head Range</b>	18 to 193 Metre
<b>Operating Discharge Range</b>	16 to 145 LPM / 0.96 to 8.7 m <sup>3</sup> /h
<b>Operating Voltage Range</b>	160 to 240 Volt Single Phase 300 to 415 Volt Three Phase
<b>Rated Volts / Frequency</b>	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
<b>Max. Temp. of Water</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Gram/Cubic Metre Water

## V4 SEVAK RADIAL FLOW SUBMERSIBLE PUMPSET - 96 mm



Material of Construction	
Bowl	Noryl With S. S. Neckring
Impeller	Noryl
Stamping	CRNGO
Motor Body	Stainless Steel
Motor & Pump Shaft	S.S. 410
Rotor	Aluminium Die Casted
Winding Wire	EC Grade Copper ( Polywarp )
Journal Bearing	LTB-4 / Carbon
Thrust Bearing	Carbon Vs. S.S. 420 Segments
Housing, Base, Suction & Outlet	FG 260 Grade Cast Iron

Technical Details	
H.P. Range	0.5 H.P. to 2.0 H.P. Single Phase 1.0 H.P. to 2.0 H.P. Three Phase
Operating Head Range	15 to 144 Metre
Operating Discharge Range	16 to 145 LPM / 0.96 to 8.7 m <sup>3</sup> /h
Operating Voltage Range	160 to 240 Volt Single Phase 300 to 415 Volt Three Phase
Rated Volts / Frequency	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
Max. Temp. of Water	40° C
Max. Permissible Amount of Sand in the Water	50 Gram/Cubic Metre Water

## V5 & V4 PREMIUM RADIAL FLOW SUBMERSIBLE PUMPSET - 115 mm



**V5 Motor  
With  
V4 Pump**

Material of Construction	
<b>Bowl</b>	GF 30 Noryl with S.S. Neckring
<b>Impeller</b>	GF 30 Noryl with S.S. Neckring
<b>Stamping</b>	CRNGO
<b>Motor &amp; Pump Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410 / 431
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. S.S. 420 Segments
<b>Housing, Connection Plate &amp; Base Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

Technical Details	
<b>H.P. Range</b>	5.0 to 7.5 H.P. Three Phase
<b>Operating Head Range</b>	30 to 363 Metre
<b>Operating Discharge Range</b>	30 to 310 LPM / 1.8 to 18.6 m <sup>3</sup> /h
<b>Operating Voltage Range</b>	300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water



## V5 RADIAL FLOW SUBMERSIBLE PUMPSET - 115 mm



Material of Construction	
<b>Bowl</b>	GF 30 Noryl with S.S. 304 Neckring
<b>Impeller</b>	GF 30 Noryl with S.S. 304 Neckring
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410 / 431
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. Self Align S.S. 420 Segments
<b>Housing, Connection Plate &amp; Base Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

Technical Details	
<b>H.P. Range</b>	3.0 to 5.0 H.P. Single Phase 3.0 to 7.5 H.P. Three Phase
<b>Operating Head Range</b>	24 to 374 Metre
<b>Operating Discharge Range</b>	33 to 280 L.P.M. / 1.98 to 16.8 m <sup>3</sup> /h
<b>Operating Voltage Range</b>	180 to 240 Volt Single Phase 300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water
<b>Method of Starting for Three Phase</b>	3.0 H.P. to 7.5 H.P. DOL

## V6 & V5 RADIAL FLOW SUBMERSIBLE PUMPSET - 144 mm



**V6 Motor  
With  
V5 Pump**

Material of Construction	
<b>Bowl</b>	GF 30 Noryl with S.S. 304 Neckring
<b>Impeller</b>	GF 30 Noryl with S.S. 304 Neckring
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410 / 431
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. Self Align S.S. 420 Segments
<b>Housing, Connection Plate,&amp; Base Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

Technical Details	
<b>H.P. Range</b>	7.5 to 12.5 H.P. Three Phase
<b>Operating Head Range</b>	60 to 385 Metre
<b>Operating Discharge Range</b>	33 to 280 LPM / 2.0 to 18.6 m <sup>3</sup> /h
<b>Operating Voltage Range</b>	300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water
<b>Method of Starting for Three Phase</b>	7.5 H.P. DOL 10.0 H.P. to 12.5 H.P. Star Delta

## V5 MIX FLOW SUBMERSIBLE PUMPSET - 115 mm



Material of Construction	
Bowl	FG 260 Grade Cast Iron
Impeller	S.S. 410
Stamping	CRNGO
Motor Body	Stainless Steel
Motor & Pump Shaft	S.S. 410 / 431
Rotor	Copper Rotor
Winding Wire	EC Grade Copper ( Polywarp )
Journal Bearing	LTB-4
Thrust Bearing	Carbon Vs. Self Align S.S. 420 Segments
Housing, Connection Plate & Base Suction & Outlet	FG 260 Grade Cast Iron

Technical Details	
H.P. Range	3.0 to 5.0 H.P. Single Phase 3.0 to 10.0 H.P. Three Phase
Operating Head Range	11 to 90 Metre
Operating Discharge Range	100 to 550 L.P.M / 6.0 to 33.0 m³/h
Operating Voltage Range	180 to 240 Volt Single Phase 300 to 415 Volt Three Phase
Rated Volts/Frequency	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water
Method of Starting for Three Phase	3.0 H.P. to 7.5 H.P. DOL 10.0 H.P. Star Delta

## V6 SLIM RADIAL FLOW SUBMERSIBLE PUMPSET - 132 mm



Material of Construction	
Bowl	S.S. 304
Impeller	S.S. 410
Stamping	CRNGO
Motor Body	Stainless Steel
Motor & Pump Shaft	S.S. 410 / 431
Rotor	Copper Rotor
Winding Wire	EC Grade Copper ( Polywarp )
Journal Bearing	LTB-4
Thrust Bearing	Carbon Vs. Self Align S.S. 420 Segments
Housing, Connection Plate & Base Suction & Outlet	FG 260 Grade Cast Iron

Technical Details	
H.P. Range	3.0 to 12.5 H.P. Three Phase
Operating Head Range	18 to 285 Metre
Operating Discharge Range	74 to 420 LPM / 4.44 to 25.2 m³/h
Operating Voltage Range	300 to 415 Volt Three Phase
Rated Volts/Frequency	415 Volt + 6% & -15% / 50 Hz
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water
Method of Starting for Three Phase	3.0 H.P. to 7.5 H.P. DOL 10 H.P. to 12.5 H.P. Star Delta

## V6 PREMIUM RADIAL FLOW SUBMERSIBLE PUMPSET - 144 mm



3.0 to 20.0 H.P.

5.0 to 40.0 H.P.

### Material of Construction

<b>Bowl</b>	S.S. 304
<b>Impeller</b>	S.S. 304 / 410
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410 / 431
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. Self Align S.S. 420 Segments
<b>Housing, Connection Plate &amp; Base Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

### Technical Details

<b>H.P. Range</b>	3.0 to 5.0 H.P. Single Phase 3.0 to 40.0 H.P. Three Phase
<b>Operating Head Range</b>	21 to 450 Metre
<b>Operating Discharge Range</b>	120 to 545 LPM / 7.2 to 32.7 m³/h
<b>Operating Voltage Range</b>	200 to 240 Volt Single Phase 300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water
<b>Method of Starting for Three Phase</b>	3.0 H.P. to 7.5 H.P. DOL 10.0 H.P. to 40.0 H.P. Star Delta



## V6 H SERIES RADIAL FLOW SUBMERSIBLE PUMPSET - 144 mm



3.0 to 20.0 H.P.

5.0 to 40.0 H.P.

### Material of Construction

<b>Bowl</b>	S.S. 304
<b>Impeller</b>	S.S. 304 / 410
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410 / 431
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. Self Align S.S. 420 Segments
<b>Housing, Connection Plate &amp; Base Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

### Technical Details

<b>H.P. Range</b>	3.0 to 5.0 H.P. Single Phase 3.0 to 40.0 H.P. Three Phase
<b>Operating Head Range</b>	28 to 528 Metre
<b>Operating Discharge Range</b>	75 to 590 LPM / 4.5 to 35.4 m³/h
<b>Operating Voltage Range</b>	200 to 240 Volt Single Phase 300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water
<b>Method of Starting for Three Phase</b>	3.0 H.P. to 7.5 H.P. DOL 10.0 H.P. to 40.0 H.P. Star Delta

## V6 FABRICATED SUBMERSIBLE PUMPSET - 144 mm



Material of Construction	
Bowl & Impeller	S.S. 304 Sheet Metal
Stamping	CRNGO
Motor Body	Stainless Steel
Motor & Pump Shaft	S.S. 431
Rotor	Copper Rotor
Winding Wire	EC Grade Copper (Polywarp)
Journal Bearing	LTB-4
Thrust Bearing	Carbon Vs. Self Align S.S. 420 Segments
Housing, Connection Plate & Base	FG 260 Grade Cast Iron
Suction & Outlet	S.S. 304

Technical Details	
H.P. Range	3.0 to 5.0 H.P. Single Phase 3.0 to 40.0 H.P. Three Phase
Operating Head Range	11 to 513 Metre
Operating Discharge Range	160 to 1300 LPM / 9.6 to 78.0 m³/h
Operating Voltage Range	180 to 240 Volt Single Phase 300 to 415 Volt Three Phase
Rated Volts/Frequency	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water
Method of Starting for Three Phase	3.0 H.P. to 7.5 H.P. DOL 10.0 H.P. to 40.0 H.P. Star Delta

## V6 SUPREME RADIAL FLOW SUBMERSIBLE PUMPSET - 144 mm



3.0 to 20.0 H.P.

5.0 to 40.0 H.P.

### Material of Construction

<b>Bowl</b>	FG 260 Grade Cast Iron with Nylon - 6 Diffuser
<b>Impeller</b>	S.S. 410
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410 / 431
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. Self Align S.S. 420 Segments
<b>Housing, Connection Plate, Base, Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

### Technical Details

<b>H.P. Range</b>	3.0 to 5.0 H.P. Single Phase 3.0 to 40.0 H.P. Three Phase
<b>Operating Head Range</b>	20 to 450 Metre
<b>Operating Discharge Range</b>	70 to 690 LPM / 4.2 to 41.4 m³/h
<b>Operating Voltage Range</b>	180 to 240 Volt Single Phase 300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water
<b>Method of Starting for Three Phase</b>	3.0 H.P. to 7.5 H.P. DOL 10.0 H.P. to 40.0 H.P. Star Delta

## V6 MIX FLOW SUBMERSIBLE PUMPSET - 144 mm



3.0 to 20.0 H.P.

5.0 to 40.0 H.P.

### Material of Construction

<b>Bowl</b>	FG 260 Grade Cast Iron with Rubber Neckring
<b>Impeller</b>	S.S. 410
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410 / 431
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. Self Align S.S. 420 Segments
<b>Housing, Connection Plate, Base, Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

### Technical Details

<b>H.P. Range</b>	3.0 to 5.0 H.P. Single Phase 3.0 to 40.0 H.P. Three Phase
<b>Operating Head Range</b>	10 to 200 Metre
<b>Operating Discharge Range</b>	360 to 1380 LPM / 21.6 to 82.8 m³/h
<b>Operating Voltage Range</b>	180 to 240 Volt Single Phase 300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	220 Volt + 6% & -15% / 50 Hz in SP 415 Volt + 6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water
<b>Method of Starting for Three Phase</b>	3.0 H.P. to 7.5 H.P. DOL 10.0 H.P. to 40.0 H.P. Star Delta

## V6 E SERIES RADIAL FLOW SUBMERSIBLE PUMPSET - 144 mm



Material of Construction	
<b>Bowl</b>	FG 260 Grade Cast Iron with Nylon - 6 Diffuser
<b>Impeller</b>	S.S. 410
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. Self Align S.S. 420 Segments
<b>Housing, Connection Plate, Base, Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

Technical Details	
<b>H.P. Range</b>	3.0 & 5.0 H.P. Single & Three Phase
<b>Operating Head Range</b>	20 to 87 Metre
<b>Operating Discharge Range</b>	70 to 510 LPM / 4.2 to 30.6 m³/h
<b>Operating Voltage Range</b>	180 to 240 Volt Single Phase 300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	220 Volt, +6% & -15% / 50 Hz in SP 415 Volt, +6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water
<b>Method of Starting for Three Phase</b>	3.0 H.P. & 5.0 H.P. DOL



## V6 & V7 MIX FLOW SUBMERSIBLE PUMPSET - 165 mm



6.0 to 20.0 H.P.

6.0 to 30.0 H.P.

### Material of Construction

<b>Bowl</b>	FG 260 Grade Cast Iron
<b>Impeller</b>	S.S. 410
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410 / 431
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. Self Align S.S. 420 Segments
<b>Housing, Connection Plate, Base, Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

### Technical Details

<b>H.P. Range</b>	6.0 to 30.0 H.P. Three Phase
<b>Operating Head Range</b>	12 to 91 Metre
<b>Operating Discharge Range</b>	800 to 1930 LPM / 48.0 to 115.8 m³/h
<b>Operating Voltage Range</b>	300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	415 Volt, +6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water
<b>Method of Starting for Three Phase</b>	6.0 H.P. & 7.5 H.P. DOL 10.0 H.P. to 30.0 H.P. Star Delta

## V6 & V8 MIX FLOW SUBMERSIBLE PUMPSET - 186 mm



7.5 to 20.0 H.P.

7.5 to 30.0 H.P.

### Material of Construction

<b>Bowl</b>	FG 260 Grade Cast Iron
<b>Impeller</b>	S.S. 410
<b>Stamping</b>	CRNGO
<b>Motor Body</b>	Stainless Steel
<b>Motor &amp; Pump Shaft</b>	S.S. 410 / 431
<b>Rotor</b>	Copper Rotor
<b>Winding Wire</b>	EC Grade Copper ( Polywarp )
<b>Journal Bearing</b>	LTB-4
<b>Thrust Bearing</b>	Carbon Vs. Self Align S.S. 420 Segments
<b>Housing, Connection Plate, Base, Suction &amp; Outlet</b>	FG 260 Grade Cast Iron

### Technical Details

<b>H.P. Range</b>	7.5 to 30.0 H.P. Three Phase
<b>Operating Head Range</b>	10 to 108 Metre
<b>Operating Discharge Range</b>	510 to 1880 LPM / 30.6 to 112.8 m³/h
<b>Operating Voltage Range</b>	300 to 415 Volt Three Phase
<b>Rated Volts/Frequency</b>	415 Volt, +6% & -15% / 50 Hz in TP
<b>Max. Temp. of Liquid</b>	40° C
<b>Max. Permissible Amount of Sand in the Water</b>	50 Grams/Cubic Metre Water
<b>Method of Starting for Three Phase</b>	7.5 H.P. DOL 10.0 H.P. to 30.0 H.P. Star Delta



## V8 RADIAL FLOW SUBMERSIBLE PUMPSET - 186 mm

Material of Construction	
Bowl	FG 260 Grade Cast Iron
Impeller	S.S. 410
Stamping	CRNGO
Motor Body	Stainless Steel
Motor & Pump Shaft	S.S. 410 / 431
Rotor	Copper Rotor
Winding Wire	EC Grade Copper ( Polywarp )
Journal Bearing	LTB-4
Thrust Bearing	Carbon Vs. Self Align S.S. 420 Segments
Housing, Connection Plate, Base, Suction & Outlet	FG 260 Grade Cast Iron

Technical Details	
H.P. Range	15.0 to 80.0 H.P. Three Phase
Operating Head Range	60 to 371 Metre
Operating Discharge Range	340 to 990 LPM / 20.4 to 59.4 m³/h
Operating Voltage Range	300 to 415 Volt Three Phase
Rated Volts/Frequency	415 Volt, +6% & -15% / 50 Hz in TP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water
Method of Starting for Three Phase	15.0 H.P. to 80 H.P. Star Delta



## V8 MIX FLOW SUBMERSIBLE PUMPSET - 186 mm

Material of Construction	
Bowl	FG 260 Grade Cast Iron
Impeller	S.S. 410
Stamping	CRNGO
Motor Body	Stainless Steel
Motor & Pump Shaft	S.S. 410 / 431
Rotor	Copper Rotor
Winding Wire	EC Grade Copper ( Polywarp )
Journal Bearing	LTB-4
Thrust Bearing	Carbon Vs. Self Align S.S. 420 Segments
Housing, Connection Plate, Base, Suction & Outlet	FG 260 Grade Cast Iron

Technical Details	
H.P. Range	15.0 to 80.0 H.P. Three Phase
Operating Head Range	20 to 252 Metre
Operating Discharge Range	540 to 2230 LPM / 32.4 to 133.8 m³/h
Operating Voltage Range	300 to 415 Volt Three Phase
Rated Volts/Frequency	415 Volt, +6% & -15% / 50 Hz in TP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water
Method of Starting for Three Phase	15.0 H.P. to 80 H.P. Star Delta

## V9 & V8 MIX FLOW SUBMERSIBLE PUMPSET - 215 mm



Material of Construction	
Bowl	FG 260 Grade Cast Iron
Impeller	S.S. 410
Stamping	CRNGO
Motor Body	Stainless Steel
Motor & Pump Shaft	S.S. 410 / 431
Rotor	Copper Rotor
Winding Wire	EC Grade Copper ( Polywarp )
Journal Bearing	LTB-4
Thrust Bearing	Carbon Vs. Self Align S.S. 420 Segments
Housing, Connection Plate, Base, Suction & Outlet	FG 260 Grade Cast Iron

Technical Details	
H.P. Range	75.0 to 100.0 H.P. Three Phase
Operating Head Range	80 to 270 Metre
Operating Discharge Range	760 to 2230 LPM / 45.6 to 133.8 m³/h
Operating Voltage Range	300 to 415 Volt Three Phase
Rated Volts/Frequency	415 Volt, +6% & -15% / 50 Hz in TP
Max. Temp. of Liquid	40° C
Max. Permissible Amount of Sand in the Water	50 Grams/Cubic Metre Water
Method of Starting for Three Phase	75.0 H.P. to 100.0 H.P. Star Delta