PRICE LIST & PERFORMANCE

ORCAL® Pumps

NABCB | एन एस आई सी NSIC ISO 9001 : 2008 | MORE STARS MORE SAVING Power Saving Guide | ENERGY IS LIFE BEE CONSERVE IT

30% Energy Saver | IS : 8034 CM/L 7600033412 | IS : 14220 CM/L 7600033008 | CE

AN ISO 9001-2008 CERTIFIED COMPANY

Company Profile

| About Us |

Orcal Pump, is a Leading manufacturer of world-calss pumping solutions providing technically most advanced, tremendous energy efficient and Lost Lasting pumping equipments across the globe.

We are the Leading manufacturer of high quality kind of submersible pumps, Submersible motors and Openwell pumps.

Orcal pumps a value ambitious organization based on the strong fundamentals of Reliability, Innovation and revolutionary technology working towards the ultimate core focus of maximizing highly pleased customers worldwide.

Orcal pumps is continuously committed towards manufacture, research and develops submersible pumping product range with highest energy efficiency to ensure the least cost utilization highest output and long durability. The ultimate objective is to achieve maximum customer satisfaction.

| Vision |

To become globally most favored supplier of energy efficient pumping equipments. To be recognize as a technical leader in the world of submersible pump industry.

| Mission |

- To achieve a rank among top Indian pump manufacturers by 2015 especially having superior technology products with highest variant in models at highly competitive pricing.
- Expanding the current distribution network worldwide by appointing Distributor country wide.
- To become a most favored employer within the segment.

ORCAL® Pumps

Making India's water go further.

Terms & Condition

1. This price list, Cancels all previous price list.
2. Price are subject to Change without any prior notices.
3. Ones goods sold will not be taken back or replaced under any circumstances.
4. Payment 30% advance with order and 70% covered before dispatch.
5. Packing charge extra (only For Wooden Box)
6. All taxes will be charges extra as applicable at time of dispatch.
7. Price are ex-factory for Rajkot(Gujarat)
8. All Disputes are Subject to Rajkot Jurisdiction only.

Warranty:

1. One year mechanical warranty against manufacturing defect, will be given by company.

ORCAL® Pumps

TOTAL MODEL → 798

ORCAL® Pumps

V-3 Hydra Series

- Suitable for 3.0" and above dia borewell.
- Excellent Quality SS-202 Grade Pump Pipe & Motor Body.
- Noryl Glass Filled Bowl Set.
- Power of endurance in Pressure Bowl Design.
- CRNO M-47(Cold Rolled Non Grain Orientale) Stamping Of Motor.
- Copper :EC Grade.
- Pump and Motor shaft : SS 410 Grade & SS-431 Grade.
- S1 Duty in Voltage Range up to 230V. to 170V. In Single Phase
- Head Range 12m. to 105m.
- Availability Single Phase.
- Usage In Domestic & Gardening.

V-4 Dynamic+ Series

- Suitable for 4.0" and above dia borewell.
- Excellent Quality SS-202 Grade Pump Pipe & Motor Body.
- Noryl Glass Filled Bowl Set.
- Power of endurance in Pressure Bowl Design.
- CRNO M-47(Cold Rolled Non Grain Orientale) Stamping Of Motor.
- Copper :EC Grade.
- Pump and Motor shaft : SS 410 Grade & SS-431 Grade.
- S1 Duty in Voltage Range up to 230V. to 130V. In Single Phase & 440V. to 250V. In Three Phase.
- Head Range 10m. to 135m.
- Availability Single Phase & Three Phase.
- Usage In Agricultural, Industrial ,Domestic & Gardening.

V-4 Turbo series

- Suitable for 4.0" and above dia borewell.
- Excellent Quality SS-202 Grade Pump Pipe & Motor Body.
- Grey & Semi Virgin Bowl Set.
- Power and Motor Shaft: SS 410 Grade & SS-431 Grade.
- CRC (Cold Rolled Non Orientale) Stamping of Motor.
- Copper :EC Grade.
- Pump and Motor shaft : SS 410 Grade & SS-431 Grade.
- S1 Duty in Voltage Range up to 230V. to 130V. In Single Phase & 440V. to 250V. In Three Phase.
- Head Range 10m. to 135m.
- Availability Single Phase & Three Phase.
- Usage In Agricultural, Industrial ,Domestic & Gardening.

V-4 Precious Series

- Suitable for 4.0" and above dia borewell.
- Excellent Quality SS-202 Grade Pump Pipe & Motor Body.
- Noryl Glass Filled Virgin Bowl Set With SS Neck Ring.
- Power of endurance in Pressure Bowl Design.
- CRNO M-45(Cold Rolled Non Grain Orientale) Stamping Of Motor.
- Copper :EC Grade.
- Pump and Motor shaft : SS 410 Grade & SS-431 Grade.
- S1 Duty in Voltage Range up to 230V. to 130V. In Single Phase & 440V. to 250V. In Three Phase.
- Head Range 18m. to 385m.
- Availability Single Phase & Three Phase.
- Usage In Agricultural, Industrial ,Domestic & Gardening.

V-6 ORSS Series

- Suitable for 6.0" and above dia borewell.
- Excellent Quality SS-304 Grade Pump Bowls & SS-410 Impellers.
- Balanced Impellers.
- Power of endurance in Pressure Bowl Design.
- CRNO M-45(Cold Rolled Non Grain Orientale) Stamping Of Motor.
- Copper :EC Grade.
- Pump and Motor shaft : SS 410 Grade & SS-431 Grade.
- S1 Duty in Voltage Range up to 440V. To 250V. In Three Phase.
- Head Range 16m. to 350m.
- Availability In Three Phase.
- Usage In Agricultural, Industrial ,Domestic & Gardening.

V-6 OMCS Series

- Suitable for 6.0" and above dia borewell.
- Excellent Quality FG-250 Grade Pump Bowls & SS.410 Impellers.
- Balanced Impellers.
- Power of endurance in Pressure Bowl Design.
- CRNO M-45(Cold Rolled Non Grain Orientale) Stamping Of Motor.
- Copper :EC Grade.
- Pump and Motor shaft : SS 410 Grade & SS-431 Grade.
- S1 Duty in Voltage Range up to 440V. To 250V. In Three Phase.
- Head Range 16m. to 310m.
- Availability In Three Phase.
- Usage In Agricultural, Industrial ,Domestic & Gardening.

S.S. HORIZONTAL OPENWELL

- Excellent Quality SS-202 Grade Motor Body.
- Balanced Impellers with FG-250 Grade CI.
- Power of endurance in Pressure Bowl Design.
- CRNO M-45(Cold Rolled Non Grain Orientale) Stamping Of Motor.
- Copper :EC Grade.
- Pump and Motor shaft : SS 410 Grade & SS-431 Grade.
- S1 Duty in Voltage Range up to 440V. To 250V. In Three Phase.
- Head Range 12m. to 50m.
- Availability In Three Phase & Single Phase.
- Usage In Agricultural, Industrial ,Domestic & Gardening.

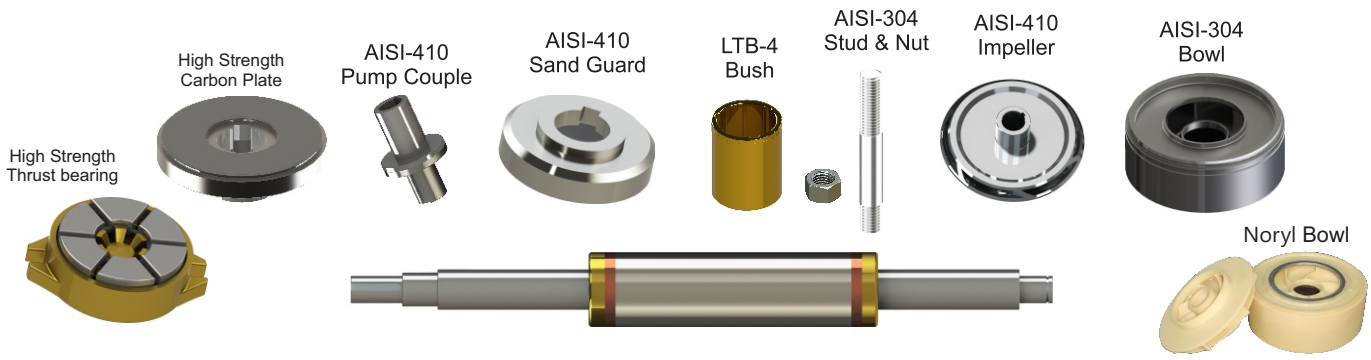
(For Borewell & Openwell Submersible Pumpset)

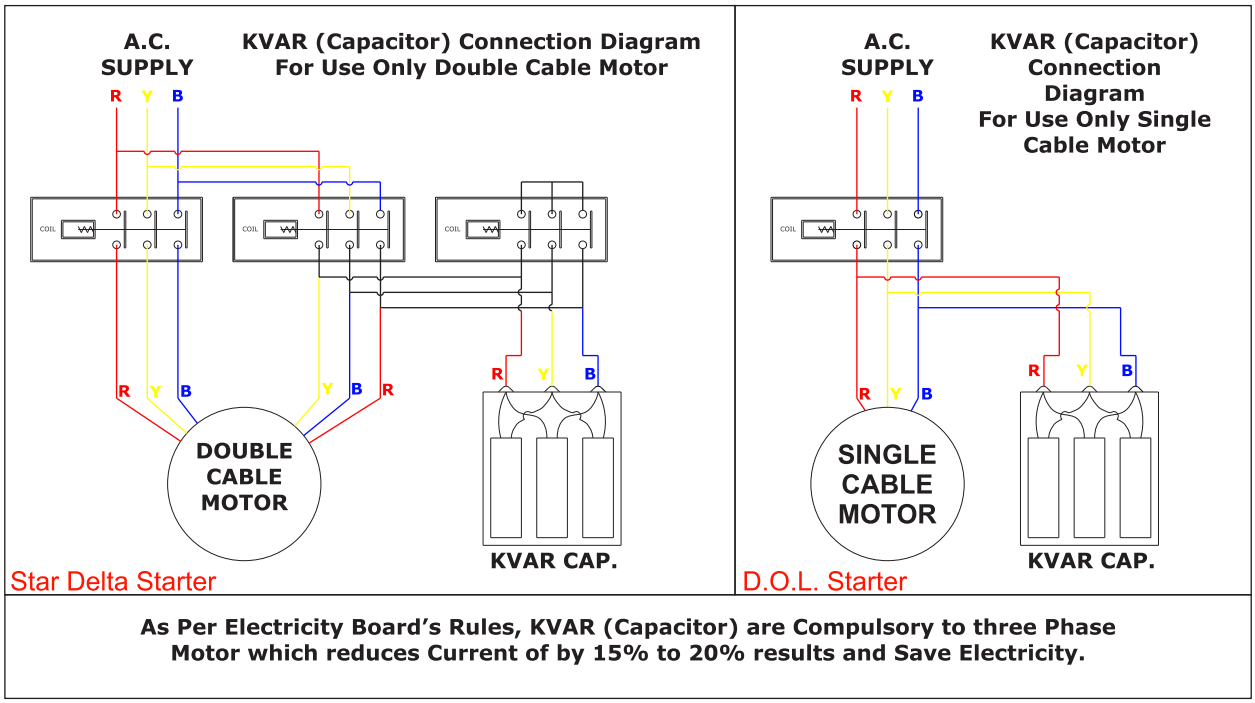
You are requested to observer the following instruction while instilling the pumpset.

1. Never run the pump outside water even for a second else the pump will get damaged without lubrication of water.
2. After coupling the motor and pump. never knock it down else the alignment will run out and as a result there are every chances of complete failure of the motor (for borewell)
3. Start capacitor is only for starting the pumpset so never press start button more than 3 second never direct down due to excess ampere. (For Single Phase Pumpset)
4. Always keep the panel in erect position and never allow dropping on it and always earth it.
5. Do not apply oil. Grease and any Chemical Liquid to Motor and where.
6. Check the power supply voltage Neutral % Phase.
7. Never run the pumpset without earthing and check the service line from the Motor to electric pole and the service wire is of proper gauge and the connections are not loose.
8. Never direct electric line on the start capacitor in your starter panel board.
9. Check the depth of the bore well and install the pumpset 15 to 20 feet up from the bottom.
10. Safe guard panel board from water and moisturized atmosphere.
11. Never try to tamper with name plate of the pumpset, as it will avoid your warranty Company is not responsible for any defect arising due to misuse of the pumpset and starter

HP = kW TABLE	
0.50 HP = 0.37 kW	15.0 HP = 11.3 kW
0.75 HP = 0.50 kW	17.5 HP = 13.1 kW
1.00 HP = 0.75 kW	20.0 HP = 15.0 kW
1.50 HP = 1.10 kW	22.5 HP = 16.9 kW
2.00 HP = 1.50 kW	25.0 HP = 18.8 kW
3.00 HP = 2.20 kW	27.5 HP = 20.6 kW
4.00 HP = 3.00 kW	30.0 HP = 22.5 kW
5.00 HP = 3.70 kW	35.0 HP = 26.3 kW
7.50 HP = 5.50 kW	40.0 HP = 30.0 kW
10.0 HP = 7.50 kW	45.0 HP = 33.8 kW
12.5 HP = 9.37 kW	50.0 HP = 37.5 kW

Genuine Spares





As Per Electricity Board's Rules, KVAR (Capacitor) are Compulsory to three Phase Motor which reduces Current of by 15% to 20% results and Save Electricity.

KVAR THREE PHASE MOTOR HP WISE SELECTION CHART

Sr. No.	H.P.	With KVAR Cos-Ø P.F.	Base Of KVAR	Required KVAR (Capacitor)	TOTAL KVAR
1	3.0	0.98 to 0.99	Oil Base	2	2 KVAR
2	4.0		Oil Base	3	3 KVAR
3	5.0		Oil Base	3	3 KVAR
4	6.5		Oil Base	4	4 KVAR
5	7.5		Oil Base	5	5 KVAR
6	10.0		Oil Base	5	5 KVAR
7	12.5		Oil Base	5+2=7	7 KVAR
8	15.0		Oil Base	8	8 KVAR
9	17.5		Oil Base	5+4=9	9 KVAR
10	20.0		Oil Base	10	10 KVAR
11	25.0		Oil Base	12.5	12.5 KVAR
12	30.0		Oil Base	15	15 KVAR
13	35.0		Oil Base	15+2=17	17 KVAR
14	42.0		Oil Base	10+8=18	18 KVAR
15	50.0		Oil Base	15+8=23	23 KVAR
16	60.0		Oil Base	15+12.5=27.5	27.5 KVAR
17	75.0		Oil Base	30+4=34	34 KVAR
18	85.0		Oil Base	30+8=38	38 KVAR
19	100.0		Oil Base	30+12.5=42.5	42.5 KVAR

CURRENT CONVERT CHART FOR THREE PHASE DIFFERENCE VOLTAGE FOR DESIGN OF MOTOR											
HP	CURRENT (Amp.)	Voltage Range									
		200	230	260	290	320	350	380	410	440	460
0.50		2.2	1.9	1.7	1.5	1.4	1.3	1.2	1.08	1.0	1.0
0.75		3.3	2.9	2.5	2.3	2.1	1.9	1.7	1.61	1.5	1.4
1.00		4.4	3.8	3.4	3.0	2.7	2.5	2.3	2.13	2.0	1.9
1.50		6.5	5.7	5.0	4.5	4.1	3.7	3.4	3.18	3.0	2.8
2.00		8.6	7.5	6.7	6.0	5.4	4.9	4.6	4.22	3.9	3.8
3.00		12.9	11.2	9.9	8.9	8.1	7.4	6.8	6.29	5.9	5.6
4.00		17.1	14.9	13.2	11.8	10.7	9.8	9.0	8.35	7.8	7.4
5.00		21.3	18.5	16.4	14.7	13.3	12.2	11.2	10.38	9.7	9.3
6.50		25.4	22.1	19.5	17.5	15.9	14.5	13.4	12.39	11.5	11.0
7.50		31.6	27.5	24.3	21.8	19.7	18.0	16.6	15.40	14.3	13.7
10.0		41.4	36.0	31.8	28.6	25.9	23.7	21.8	20.20	18.8	18.0
12.5		51.2	44.5	39.4	35.3	32.0	29.2	26.9	24.96	23.3	22.3
15.0		60.4	52.5	46.4	41.6	37.7	34.5	31.8	29.45	27.4	26.3
17.5		69.6	60.6	53.6	48.0	43.5	39.8	36.6	33.97	31.7	30.3
20.0		78.2	68.0	60.2	53.9	48.9	44.7	41.2	38.15	35.5	34.0
22.5		86.9	75.6	66.9	60.0	54.3	49.7	45.8	42.41	39.5	37.8
25.0		94.9	82.5	73.0	65.4	59.3	54.2	49.9	46.28	43.1	41.3
27.5		103.1	89.7	79.3	71.1	64.4	58.9	54.3	50.29	46.9	44.8
30.0		110.4	96.0	84.9	76.1	69.0	63.1	58.1	53.85	50.2	48.0
32.0		116.3	101.1	89.5	80.2	72.7	66.5	61.2	56.73	52.9	50.6
35.0		124.8	108.5	96.0	86.1	78.0	71.3	65.7	60.87	56.7	54.3
40.0		138.0	120.0	106.2	95.2	86.3	78.9	72.6	67.32	62.7	60.0
45.0		150.1	130.5	115.4	103.5	93.8	85.8	79.0	73.21	68.2	65.3
50.0		161.0	140.0	123.8	111.0	100.6	92.0	84.7	78.54	73.2	70.0

CURRENT CONVERT CHART FOR SINGLE PHASE DIFFERENCE VOLTAGE FOR DESIGN OF MOTOR									
HP		Voltage Range							
		100	120	140	160	180	200	220	240
0.50	CURRENT (Amp.)	11.2	9.3	8.0	7.0	6.2	5.6	5.1	4.7
0.75		15.8	13.2	11.3	10.3	8.8	7.9	7.2	6.6
1.00		18.4	15.3	13.1	11.5	10.2	9.2	8.4	7.7
1.50		23.0	19.2	16.4	14.4	12.8	11.5	10.5	9.6
2.00		27.6	23.0	19.7	17.3	15.3	13.8	12.5	11.5
3.00		39.2	32.7	28.0	24.5	21.8	19.6	17.8	16.3
4.00		55.2	46.0	39.4	34.5	30.7	27.6	25.1	23.0
5.00		64.4	53.7	46.0	40.3	35.8	32.2	29.3	26.8

CABLE SELECTION CHART FOR 230V - SINGLE PHASE - 50Hz

HP		Length in Meters																				
		10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	250	300	350	400	450	500
0.5	Cable Size In Sq. MM	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	6.0	10.0	10.0
1.0		1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	6.0	10.0	10.0	10.0	16.0	16.0
1.5		1.5	1.5	1.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	10.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0	25.0
2.0		2.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	6.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0	25.0	35.0	35.0
3.0		2.5	2.5	2.5	2.5	4.0	4.0	6.0	6.0	6.0	10.0	10.0	10.0	16.0	16.0	16.0	16.0	25.0	25.0	25.0	35.0	35.0
4.0		2.5	2.5	2.5	4.0	4.0	6.0	6.0	10.0	10.0	10.0	10.0	16.0	16.0	16.0	16.0	25.0	25.0	25.0	35.0	35.0	35.0
5.0		2.5	2.5	4.0	4.0	6.0	6.0	10.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0	25.0	35.0	35.0	50.0	50.0	50.0

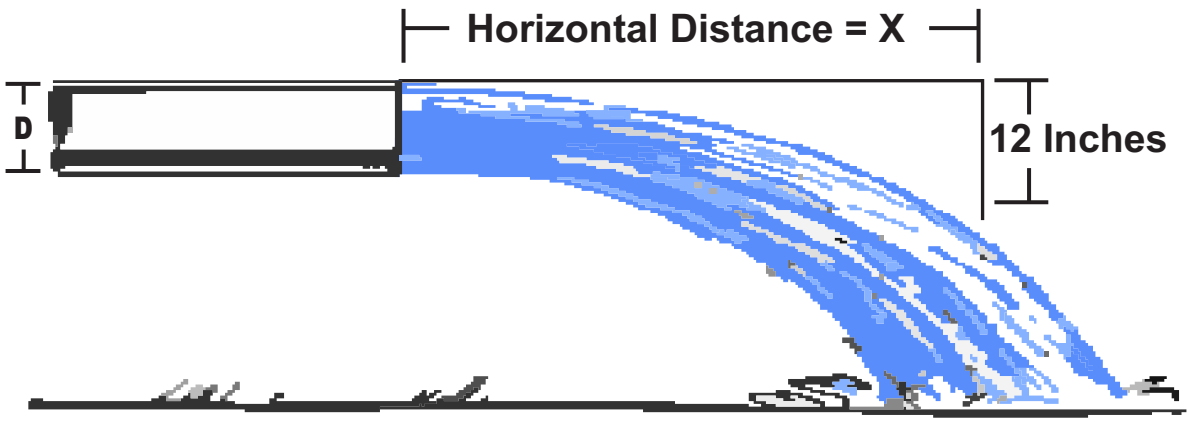
CABLE SELECTION CHART at 415 V-Three Phase (Double cable with Star Delta Starter)

HP	Amps.		Length in Meters																				
			10	20	30	40	50	60	70	80	90	100	120	140	160	180	190	200	250	300	350	400	450	500
5.0	10.4	Cable Size In Sq. MM	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5
6.5	12.4		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5
7.5	15.4		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4
10.0	20.2		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	4
12.5	25.0		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	4	4	4	4	6	6	6	6	6
15.0	29.5		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	4	4	4	4	4	4
17.5	33.9		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	4	4	4	4	4	6	6
20.0	38.0		4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	8	8
22.5	42.5		4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	8	8	8
25.0	46.5		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8	8	8	8	8	8
30.0	54.0		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8
35.0	60.9		6	6	6	6	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	10	10
40.0	67.3		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
45.0	73.2		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10	10
50.0	78.5		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10	10	10

CABLE SELECTION CHART at 415 V-Three Phase (Single cable with DOL Starter)

HP	Amps.		Length in Meters																				
			10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	250	300	350	400	450	500
0.50	1.1	Cable Size In Sq. MM	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5
1.00	2.2		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5
1.50	3.2		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
2.00	4.2		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
3.00	6.3		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5
4.00	8.4		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
5.00	10.4		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4
6.50	12.4		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4	4	4	4	4	4	4	4	6
7.50	15.4		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4	4	4	4	4	4	4	4	6	6
10.0	20.2		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	6	6	6	6	6	6	10	10
12.5	25.0		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	6	6	6	10	10	10	10	10	16	16
15.0	29.5		4	4	4	4	4	4	4	4	4	4	6	6	6	10	10	10	10	10	10	16	16
17.5	33.9		4	4	4	4	4	4	4	4	4	6	6	6	10	10	10	10	10	10	10	16	16
20.0	38.0		6	6	6	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	16	16	16
22.5	42.5		6	6	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	16	16	16
25.0	46.5		10	10	10	10	10	10	10	10	10	10	10	10	10	10	16	16	16	16	16	25	25
30.0	54.0		10	10	10	10	10	10	10	10	10	10	10	10	10	16	16	16	16	16	16	25	25
35.0	60.9		10	10	10	10	10	10	10	10	10	10	10	10	16	16	16	16	16	16	25	25	25
40.0	67.3		16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	25	25	25	25
45.0	73.2		16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	25	25	25	25	25
50.0	78.5		16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	25	25	25	25	25	25

DISCHARGE RATE TABLE									
Horizontal Distance "X" in Inches	Nominal Pipe Diameter "D"								
	1"	1.25"	1.5"	2"	2.5"	3"	4"	5"	6"
	Discharge Rate (Q) (Liters Per Minute)								
4	26	44	60	100	141	222	377	590	863
5	32	55	75	127	177	277	472	749	1090
6	39	67	91	150	213	331	567	885	1294
7	45	78	105	177	250	386	663	1044	1521
8	51	89	120	200	181	445	754	1180	1725
9	58	100	135	227	318	499	849	1339	1952
10	64	111	151	250	354	554	944	1475	2156
11	71	118	166	277	390	608	1040	1634	2383
12	77	132	177	300	427	667	1135	1771	2588
13	84	143	195	327	459	722	1226	1930	2815
14	91	154	211	350	495	776	1321	2043	3019
15	97	165	225	377	531	831	1416	2225	3223
16	103	177	240	400	567	890	1512	2361	3450
17	109	188	256	427	604	944	1603	2520	3677
18	116	198	271	449	636	999	1698	2679	3882
19	123	210	285	477	672	1053	1793	2815	4109
20	129	221	301	504	708	1108	1889	2951	4313
21	135	232	316	527	745	1162	1984	3110	4540
22	142	243	331	554	781	1221	2075	3269	4767
23	148	254	345	577	813	1276	2170	3405	4971
24	155	265	360	604	849	1330	2265	3541	5175
25	161	276	375	627	885	1389	2361	3700	5402
26	167	287	390	654	922	1444	2456	3836	5607
27	174	298	405	676	958	1498	2547	3995	5834
28	181	309	421	704	990	1553	2642		
29	187	320	436	726	1026	1607	2738		
30	193	331	451	754	1062	1666	2833		
31			468	776	1099	1721			
32			481	804	1135	1775			
33			495	826	1167	1830			
34			513	854	1203	1884			
35			527	881	1239	1943			



its recommended have ideal and proper selection of pumpset model according to the site condition. You are requested to take following aspects under your prime consideration during the selection process:

- Position of voltage at site. if singel phase then stability of neutral
- Starter conditi ons and proper realy tripping
- Real yield of water in borewell or openwell.
- Maximum lower level of water in the well.
- Real requirements of water as per customer need.
- Whether there is problem of sand in borewell / openwell.
- Whether the quality and size of dellivery pipes are proper or not.
- Actual irrigation area of land.
- Always consider the require head 10% more than the net/actual duty point head at site, after all deduction of losses example pipe Loss, voltage Loss and Frequency Loss.

the levels head discharge mentioned in the performance/price list are for the ideal condition. the result may very basic on the sites condition and installed accessories. Following are the few many reasons where the head and discharge varied that its mentioned. the head and discharge may be less than given in the performance due to following reasons.

1. Frequency Loss: if the frequency (Hz) is less than 50 i.e. if its is 48,49 then the speed decreases by 60 R.P.M at loss of 1 frequency

2. Voltage Loss: Result obtained is less due to less voltage

3. Delivery Pipe Loss: if the delivery pipe found smaller & rough then pipe loss many occurs which result in reduction of discharge

4. Cable Joints: if the cable joints are not perfectly waterproof the result may decrease.

Change in Result due to Change in Voltage

Volt after pumpset gets Started.		Three Phase		Single Phase	
Three Phase Volt	Single Phase Volt	Reduction Head(%)	Reduction of Dis.(%)	Reduction Head(%)	Reduction of Dis.(%)
415V	240V	NIL	NIL	NIL	NIL
350V	200V	5	5	5	3
310V	180V	10	8	8	6
275V	160V	15	12	12	9
240V	140V	20	15	16	12

Change in Result due to Change in Frequency (Standard Frequency Hz=50)

Frequency (Hz)	Change in Output		Change in Total Output (%)
	Head (%)	Dis. (%)	
51	+4	+2	+6
Std. 50	Std.	Std.	Nil
49.5	-2	-1	-3
49.0	-4	-2	-6
48.5	-6	-3	-9
48.0	-8	-4	-12
47.5	-10	-5	-15

V3, V4, V6 & Openwell Single Phase Pumpsets Capacitor selection chart.

HP		VOLT		
		120	160	220
0.50	Capacitor (MFD)	50+36	50	36
0.75		36+36+36	50+25	50
1.00		50+36+36	36+50	36+25
1.50		50+50+36	36+36+36	36+36
2.00		50+50+36	36+36+36	36+36
3.00		50+50+50+36	50+50+36	36+36+36
5.00		50+50+50+50	50+50+50	36+36+50

Warning :- Motor may get burnt due to high Voltage Conditions (Above 440 Volt in Three Phase & 240 Volt in Single Phase)

As a rule 8034 :

★ Actual Discharge = $\frac{\text{Volume}}{\text{Time}}$

★ Delivery Diameter(dd)= Discharge Size in metres

★ Velocity Head Constant(vconst) = $\left[\frac{13}{(2 \times 9.81 \times \pi^2 \times dd^4 \times 1000^2)}\right]$

★ Velocity Correction Head = (Actual Discharge)² x vconst

★ Total Head On Performances chart= Delivery Head + Velocity Correction Head + Gauge Distance

★ Input Power= $\frac{\text{watt x watt meter Constant}}{1000}$

Calculation at Rated Speed

★ Rated Total Head = $\left[\frac{\text{Rated Hz.}}{\text{Hz.}}\right]^2$ x Total Head

★ Rated Discharge = $\left[\frac{\text{Rated Hz.}}{\text{Hz.}}\right]$ x Actual Discharge

★ Rated Input Power = $\left[\frac{\text{Rated Hz.}}{\text{Hz.}}\right]^3$ x Input Power

★ Rated Output Power $\frac{\text{Rated Total Head x Rated Discharge (Lpm)}}{6120}$

★ Overall Efficiency(%) = $\left[\frac{\text{Rated Output Power}}{\text{Rated Input Power}}\right]$ x 100

As a rule 9283 :

★ Resistance at 50 °C = $\left[\frac{235 + 50}{235 + \text{Initial Temperature}}\right]$ x Resistance, Star Connection $\left[\frac{\frac{R1+R2+R3}{3}}{2}\right]$ ..... Delta Connection $\left[\frac{R1+R2+R3}{3}\right]$ X 1.5

As a rule 9283 :

★ Rotor Output = $\left[\frac{\text{Rotor Input x Full Load speed at 50Hz}}{\text{Synchronous Speed (Ns)}}\right]$ Ns = $\left[\frac{120 \times \text{Frequency}}{\text{Pole}}\right]$

★ Stray Loss = 0.5% of Rotor Output

★ Output = Rotor Output - Stray Loss

★ Efficiency = $\left[\frac{\text{Output}}{\text{Input}}\right]$ where Input = Full Load Watts

★ Rated Torque = $\left[\frac{973.3 \times \text{Kilowatt}}{\text{Initial Speed}}\right]$

Single Phase Formulas :

★ Slip (%) = $\left[\frac{Ns - N}{Ns}\right]$ x 100 , Ns = $\left[\frac{120 \times \text{Frequency}}{\text{Pole}}\right]$

★ Efficiency = $\left[\frac{\text{Output}}{\text{Input}}\right]$ where Input = Full Load Watts & Output = Declaration watt in H.P.

★ Rated Torque = $\left[\frac{\text{H.P.} \times 4500}{2 \times \pi \times N}\right]$

★ Full Load Kilogram = $\left[\frac{\text{Rated Torque}}{(\text{Drum Radius} + \text{Belt Thickness})}\right]$

★ Break Away Torque = $\left[\frac{\text{Rated Voltage}}{\text{Obtained Voltage}}\right]$ x Arm Length x Weight

★ Full Load Torque = $\frac{\text{Break Away Torque}}{\text{Rated Torque}}$ x 100

★ Temperature Rise Test = $\left[\frac{\text{Final Resistance - Initial Resistance}}{\text{Initial Resistance}}\right]$ x (235 + Initial Temperature) + (Initial Temperature - Final Temp)

Relation Between Horsepower, Torque, And Speed

HP = $\frac{T \times rpm}{5250}$ T in lb.ft = $\frac{5250 \times HP}{rpm}$ rpm = $\frac{5250 \times HP}{T}$

To Find Kilowatts

•Finding Kilowatts is a bit more complicated in that the formula includes a value for the "power factor".
The power factor is a nebulous but required value that is different for each electrical device.
It involves the efficiency in the use of of the electricity supplied to the system.
This factor can vary widely from 60% to 95% and is never published on the equipment nameplate and further,
is not often supplied with product information. For purposes of these calculations, we use a power factor of .85.
This arbitrary number places a slight in accuracy into the numbers. It's OK and it gets us very close for the work we need to do.

1. SINGLE PHASE

Given: We have a medium-sized Compaq server that draws 6.0 amps.

$$\text{KILOWATT (kW)} = \frac{\text{VOLTS x AMPERES x POWER FACTOR}}{1000}$$

120 * 6.0 = 720 VA 720 VA * .85 = 612 612 / 1000 = .612 kW

2. TWO-PHASE

•Given: We have a Sun server with an amp rating of 4.7 and requiring a 208-240 power source.
We'll use 220 volts for our calculations.

$$\text{KILOWATT (kW)} = \frac{\text{VOLTS x AMPERES x POWER FACTOR x 2}}{1000}$$

220 x 4.7 x 2 = 2068 2068 x .85 = 1757.8 1757.8 / 1000 = 1.76 kW

3. THREE-PHASE

•Given: We have a large EMC Symmetrix 3930-18/-36 storage system with 192 physical volumes.
EMC's website shows a requirement for a 50-amp 208 VAC receptacle. For this calculation, we will use 22 amps.
Do not calculate the value of the plug or receptacle. Use the value on nameplate.

$$\text{KILOWATT (kW)} = \frac{\text{VOLTS x AMPERES x POWER FACTOR x 1.73}}{1000}$$

208x22x1.73 = 7,916.48 7,916.48 * .85 = 6,729.008 6,729.008/1000=6.729 kW

To Find	Alternating Current	
	Single-Phase	Three-Phase
Amperes when horsepower is known	$\frac{\text{HP x 746}}{\text{E x Eff x pf}}$	$\frac{\text{HP x 746}}{\text{1.73 x E x Eff x pf}}$
Amperes when kilowatts are known	$\frac{\text{Kw x 1000}}{\text{E x pf}}$	$\frac{\text{Kw x 1000}}{\text{1.73 x E x pf}}$
Amperes when kva are known	$\frac{\text{Kva x 1000}}{\text{E}}$	$\frac{\text{Kva x 1000}}{\text{1.73 x E}}$
Kilowatts	$\frac{\text{I x E x pf}}{\text{1000}}$	$\frac{\text{1.73 x I x E x pf}}{\text{1000}}$
Kva	$\frac{\text{I x E}}{\text{1000}}$	$\frac{\text{1.73 x I x E}}{\text{1000}}$
Horsepower = (Output)	$\frac{\text{I x E x Eff x pf}}{\text{746}}$	$\frac{\text{1.73 x I x E x Eff x pff}}{\text{746}}$

I = Amperes; E = Volts; Eff = Efficiency; pf = Power Factor; Kva = Kilovolt-amperes; Kw = Kilowatts

Important Electrical Properties of CRNGO

Core Loss details of popularly used CRNGO steel.
Manufacturing mills of CRNGO steel guarantee the core loss figure at flux density of 1.5 Tesla.

Thickness	Grade	Specific Cores Loss W/kg. At.		Magnetic Induction At 5000 AT/m(T)	Hardness (VPN)
		1.0 T 50 Hz	1.5 T 50 Hz		
0.50 mm (0.020)	M-36	1.84	3.57	1.60	160-180
	M-43	1.70	4.01	1.61	160-180
	M-45	2.30	5.31	1.64	130-150
	M-47	4.00	6.98	1.68	130-150
0.65 mm (0.026)	M-36	2.16	4.18	1.60	160-180
	M-43	2.52	4.70	1.60	150-170
	M-45	3.03	6.27	1.64	130-150

Applications

Non oriented fully processed steels are iron-silicon alloys with varying silicon contents and have similar magnetic properties in all directions in the plan of the sheet.
They are principally used for motors, generators, alternators, ballasts, small transformers and a variety of other electromagnetic applications.

M.C.B. Panel Openwell

No.	HP	Run. Cap.	Sta. Cap.	MCB	RATE
1	0.50	36	80-100	10 Amp.	5,94 /-
2	1.00	60	120-150	16 Amp.	6,38 /-
3	0.50	36	80-100	10 Amp.	8,36 /-
4	1.00	60	120-150	16 Amp.	8,80 /-
5	2.00	36+36	150-200	20 Amp.	1,034 /-
	3.00	50+50	200-250	32 Amp.	1,166 /-

M.C.B. Panel

No.	HP	Run. Cap.	Sta. Cap.	MCB	RATE
7	0.50	36	80-100	10 Amp.	1,177 /-
8	0.75	50	100-120	16 Amp.	1,243 /-
9	1.00	36+25	120-150	16 Amp.	1,276 /-
10	1.5/2	36+36	150-200	20 Amp.	1,419 /-
11	3.00	50+50	200-250	32 Amp.	1,562 /-

MK 1 Relay Panel

No.	HP	Run. Cap.	Sta. Cap.	Relay Range	RATE
12	0.50	36	80-100	6-10	2,244 /-
13	0.75	50	100-120	6-10	2,299 /-
14	1.00	36+25	120-150	6-10	2,354 /-
15	1.50	36+36	150-200	9-14	2,530 /-
16	2.00	36+36	150-200	13-21	2,574 /-
17	3.00	50+50	200-250	20-32	2,970 /-

CH. +M.C.B. Panel

No.	HP	Run. Cap.	Sta. Cap.	MCB	RATE
18	0.50	36	80-100	10 Amp.	2112 /-
19	0.75	50	100-120	10 Amp.	2156 /-
20	1.00	36+25	120-150	16 Amp.	2200 /-
21	1.50	36+36	150-200	26 Amp.	2321 /-
22	2.00	36+36	150-200	20 Amp.	2387 /-
23	3.00	50+50	200-250	32 Amp.	2728 /-

Average Operating Voltage Range : Min.140 Volt. Max. 230 Volt. AC. 50 Hz.




V-3 Hydra Motor 74mm ∅ Single Phase Borewell Pumpset

Noryl Bowl with SS Neck Ring, Sand & Mud Proof Pumpset
Suitable For 3" and Above Dia. Borewell 230 Volt. In 1-Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹
1	H-5	0.50	6	1.25″	12 (39′) - 24 (79′)	66 - 26	1,755 /-	7,801 /-
2	H-4	0.50	8	1.25″	16 (52′) - 32 (105′)	52 - 20	1,893 /-	7,939 /-
3	H-2	0.50	10	1.25″	20 (66′) - 40 (131′)	40 - 09	2,001 /-	8,047 /-
4	H-7	0.75	6	1.25″	12 (39′) - 24 (79′)	80 - 40	1,815 /-	8,350 /-
5	H-5	0.75	10	1.25″	22 (72′) - 40 (131′)	66 - 26	2,080 /-	8,615 /-
6	H-4	0.75	12	1.25″	24 (79′) - 48 (157′)	52 - 20	2,199 /-	8,734 /-
7	H-2	0.75	15	1.25″	30 (98′) - 60 (197′)	40 - 09	2,413 /-	8,948 /-
8	H-7	1.00	10	1.25″	20 (66′) - 40 (131′)	80 - 40	2,174 /-	9,694 /-
9	H-5	1.00	12	1.25″	24 (79′) - 48 (157′)	66 - 26	2,243 /-	9,763 /-
10	H-4	1.00	15	1.25″	30 (98′) - 60 (197′)	52 - 20	2,352 /-	9,872 /-
11	H-2	1.00	20	1.25″	40 (131′) - 80 (262′)	40 - 09	2,761 /-	10,281 /-
12	H-7	1.50	12	1.25″	22 (72′) - 48 (157′)	80 - 40	2,459 /-	11,267 /-
13	H-5	1.50	15	1.25″	30 (98′) - 60 (197′)	66 - 26	2,597 /-	11,404 /-
14	H-4	1.50	20	1.25″	40 (131′) - 80 (262′)	52 - 20	2,881 /-	11,689 /-
15	H-2	1.50	25	1.25″	50 (164′) - 100 (328′)	40 - 09	3,308 /-	12,115 /-

Price For V-3 Hydra Single Phase Motor Only				
HP	**0.50**	**0.75**	**1.00**	**1.50**
PRICE	6,046 /-	6,535 /-	7,520 /-	8,808 /-

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ORCAL® Pumps

V-4 Dynanic Motor Alu.Rotor 96mm ∅ Single Phase & Three Phase Borewell Pumpset

Noryl Bowl with SS Neck Ring, Sand & Mud Proof Pumpset
Suitable For 4" and Above Dia. Borewell 230 Volt. In 1-Phase & 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
16	G-2	0.50	7	1.25"	18 (59') - 32 (105')	68 - 38	2,181 /-	8,622 /-	1.5 mm²
17	G-1	0.50	8	1.25"	20 (66') - 36 (118')	55 - 28	2,267 /-	8,708 /-	
18	G-0	0.50	10	1.25"	25 (82') - 45 (148')	48 - 25	2,389 /-	8,830 /-	
19	G-4	0.75	8	1.25"	20 (66') - 36 (118')	85 - 54	2,346 /-	9,691 /-	1.5 mm²
20	G-2	0.75	10	1.25"	25 (82') - 45 (148')	68 - 38	2,439 /-	9,784 /-	
21	G-1	0.75	12	1.25"	30 (98') - 54 (177')	55 - 28	2,610 /-	9,955 /-	
22	G-0	0.75	15	1.25"	38 (125') - 68 (223')	49 - 25	2,793 /-	10,138 /-	
23	G-7	1.00	7	1.5"	18 (57') - 32 (105')	190 - 135	2,484 /-	10,994 /-	
24	G-5	1.00	8	1.5"	20 (66') - 36 (118')	140 - 90	2,528 /-	11,038 /-	
25	G-4	1.00	10	1.25"	25 (82') - 45 (148')	85 - 54	2,583 /-	11,093 /-	1.5 mm²
26	G-2	1.00	12	1.25"	30 (98') - 54 (177')	68 - 38	2,776 /-	11,286 /-	
27	G-1	1.00	15	1.25"	38 (123') - 68 (223')	55 - 28	2,921 /-	11,431 /-	
28	G-0	1.00	18	1.25"	45 (148') - 81 (266')	48 - 25	3,183 /-	11,693 /-	
29	G-0	1.00	20	1.25"	50 (164') - 90 (295')	45 - 22	3,436 /-	11,946 /-	
30	G-10	1.50	6	2.0"	15 (49') - 27 (89')	200 - 150	2,471 /-	11,983 /-	
31	G-7	1.50	8	1.5"	20 (66') - 36 (118')	190 135	2,633 /-	12,145 /-	S.P. 2.5 mm²
32	G-5	1.50	10	1.5"	25 (82') - 45 (148')	140 90	2,782 /-	12,294 /-	
33	G-4	1.50	12	1.25"	30 (98') - 54 (177')	85 54	2,800 /-	12,312 /-	
34	G-4	1.50	15	1.25"	38 (125') - 68 (223')	85 54	3,097 /-	12,609 /-	T.P. 1.5 mm²
35	G-2	1.50	20	1.25"	50 (164') - 90 (295')	68 38	3,568 /-	13,080 /-	
36	G-1	1.50	22	1.25"	55 (180') - 99 (325')	55 28	3,747 /-	13,259 /-	
37	G-0	1.50	25	1.25"	63 (207') - 113 (371')	48 22	3,881 /-	13,393 /-	
38	G-10	2.00	8	2.0"	20 (66') - 36 (118')	200 150	2,801 /-	14,129 /-	
39	G-7	2.00	10	2.0"	25 (82') - 45 (148')	190 138	2,936 /-	14,264 /-	S.P. 2.5 mm²
40	G-5	2.00	12	1.5"	30 (98') - 54 (177')	140 90	3,068 /-	14,396 /-	
41	G-5	2.00	15	1.5"	38 (125') - 68 (223')	140 90	3,422 /-	14,750 /-	
42	G-4	2.00	20	1.25"	50 (164') - 90 (295')	85 54	3,835 /-	15,163 /-	TP 1.5 mm²
43	G-2	2.00	25	1.25"	63 (207') - 113 (371')	68 38	4,080 /-	15,408 /-	
44	G-1	2.00	28	1.25"	70 (230') - 126 (413')	55 28	4,352 /-	15,680 /-	
45	G-0	2.00	30	1.25"	75 (246') - 135 (443')	48 25	4,373 /-	15,701 /-	

Price For V-4 Dynamic Single & Three Phase Motor Only					
HP	0.50	0.75	1.00	1.50	2.00
PRICE	6,441 /-	7,345 /-	8,510 /-	9,512 /-	11,328 /-

NOTE: 0.5 & 0.75 HP Available In Single Phase Only.

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ORCAL® Pumps

V-4 Dynamic+ Motor 96mm ∅ Single Phase & Three Phase Borewell Pumpset

Noryl Bowl with SS Neck Ring, Sand & Mud Proof Pumpset

Suitable For 4" and Above Dia. Borewell 230 Volt. In 1-Phase & 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
46	S-2	0.50	7	1.25″	18 (59′) - 32 (105′)	68 - 38	2,181 /-	9,413 /-	
47	S-1	0.50	8	1.25″	20 (66′) - 36 (118′)	55 - 28	2,267 /-	9,499 /-	1.5 mm²
48	S-0	0.50	10	1.25″	25 (82′) - 45 (148′)	48 - 25	2,389 /-	9,621 /-	
49	S-4	0.75	8	1.25″	20 (66′) - 36 (118′)	85 - 54	2,346 /-	10,482 /-	
50	S-2	0.75	10	1.25″	25 (82′) - 45 (148′)	68 - 38	2,439 /-	10,575 /-	
51	S-1	0.75	12	1.25″	30 (98′) - 54 (177′)	55 - 28	2,610 /-	10,746 /-	1.5 mm²
52	S-0	0.75	15	1.25″	38 (124′) - 68 (223′)	48 - 25	2,793 /-	10,929 /-	
53	S-7	1.00	6	1.5″	18 (57′) - 32 (105′)	190 - 135	2,484 /-	11,914 /-	
54	S-5	1.00	8	1.5″	20 (66′) - 36 (118′)	140 - 90	2,528 /-	11,958 /-	
55	S-4	1.00	10	1.25″	25 (82′) - 45 (148′)	85 - 54	2,583 /-	12,013 /-	
56	S-2	1.00	12	1.25″	30 (98′) - 54 (177′)	68 - 38	2,776 /-	12,206 /-	1.5 mm²
57	S-1	1.00	15	1.25″	38 (124′) - 68 (223′)	55 - 28	2,921 /-	12,351 /-	
58	S-0	1.00	18	1.25″	45 (148′) - 81 (266′)	48 - 25	3,183 /-	12,613 /-	
59	S-0	1.00	20	1.25″	50 (164′) - 90 (295′)	45 - 22	3,436 /-	12,866 /-	
60	S-10	1.50	6	2.0″	15 (49′) - 27 (89′)	200 - 150	2,471 /-	13,143 /-	
61	S-7	1.50	8	1.5″	20 (66′) - 36 (118′)	190 - 135	2,633 /-	13,305 /-	
62	S-5	1.50	10	1.5″	25 (82′) - 45 (148′)	140 - 90	2,782 /-	13,454 /-	S.P. 2.5 mm²
63	S-4	1.50	12	1.25″	30 (98′) - 54 (177′)	85 - 54	2,800 /-	13,472 /-	
64	S-4	1.50	15	1.25″	38 (124′) - 68 (223′)	80 - 50	3,097 /-	13,769 /-	
65	S-2	1.50	20	1.25″	50 (164′) - 90 (295′)	68 - 38	3,568 /-	14,240 /-	T.P. 1.5 mm²
66	S-1	1.50	22	1.25″	55 (180′) - 99 (325′)	55 - 28	3,747 /-	14,419 /-	
67	S-0	1.50	25	1.25″	63 (205′) - 113 (371′)	48 - 25	3,881 /-	14,553 /-	
68	S-10	2.00	8	2.0″	20 (66′) - 36 (118′)	200 - 150	2,801 /-	15,545 /-	
69	S-7	2.00	10	2.0″	25 (82′) - 45 (148′)	190 - 138	2,936 /-	15,680 /-	S.P. 2.5 mm²
70	S-5	2.00	12	1.5″	30 (98′) - 54 (177′)	140 - 90	3,068 /-	15,812 /-	
71	S-5	2.00	15	1.5″	38 (124′) - 68 (223′)	135 - 85	3,422 /-	16,166 /-	
72	S-4	2.00	20	1.25″	50 (164′) - 90 (295′)	85 - 54	3,835 /-	16,579 /-	TP 1.5 mm²
73	S-2	2.00	25	1.25″	63 (207′) - 113 (371′)	68 - 38	4,080 /-	16,824 /-	
74	S-1	2.00	28	1.25″	70 (230′) - 126 (413′)	55 - 28	4,352 /-	17,096 /-	
75	S-0	2.00	30	1.25″	75 (246′) - 135 (443′)	48 - 25	4,373 /-	17,117 /-	
76	S-18	3.00	6	2.0″	12 (39′) - 24 (79′)	300 - 190	4,541 /-	20,141 /-	
77	S-18	3.00	8	2.0″	16 (52′) - 32 (105′)	290 - 180	5,496 /-	21,096 /-	
78	S-12	3.00	10	2.0″	25 (82′) - 45 (148′)	220 - 160	3,144 /-	18,744 /-	
79	S-10	3.00	12	2.0″	30 (98′) - 54 (177′)	200 - 150	3,437 /-	19,037 /-	
80	S-7	3.00	15	2.0″	38 (125′) - 68 (223′)	190 - 135	3,641 /-	19,241 /-	S.P. 4.0 mm²
81	S-5	3.00	18	1.5″	45 (148′) - 81 (266′)	140 - 90	4,270 /-	19,870 /-	
82	S-4	3.00	20	1.25″	50 (164′) - 90 (295′)	85 - 54	4,409 /-	20,009 /-	
83	S-4	3.00	25	1.25″	63 (207′) - 113 (371′)	80 - 50	4,426 /-	20,026 /-	TP 2.5 mm²
84	S-2	3.00	28	1.25″	70 (230′) - 126 (413′)	68 - 38	4,608 /-	20,208 /-	
85	S-1	3.00	30	1.25″	75 (246′) - 135 (443′)	55 - 28	4,879 /-	20,479 /-	

NOTE: 0.5 & 0.75 HP Available In Single Phase Only.

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ORCAL® Pumps

V-4 Turbo Motor 96mm ∅ Single Phase & Three Phase Borewell Pumpset

Noryl Bowl with SS Neck Ring, Sand & Mud Proof Pumpset

Suitable For 4" and Above Dia. Borewell 230 Volt. In 1-Phase & 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
86	S-2	0.50	7	1.25″	18 (59′) - 32 (105′)	68 - 38	2,513 /-	11,779 /-	
87	S-1	0.50	8	1.25″	20 (66′) - 36 (118′)	55 - 28	2,622 /-	11,888 /-	1.5 mm²
88	S-0	0.50	10	1.25″	25 (82′) - 45 (148′)	48 - 25	2,791 /-	12,057 /-	
89	S-4	0.75	8	1.25″	20 (66′) - 36 (118′)	85 - 54	2,701 /-	12,871 /-	
90	S-2	0.75	10	1.25″	25 (82′) - 45 (148′)	68 - 38	2,843 /-	13,013 /-	
91	S-1	0.75	12	1.25″	30 (98′) - 54 (177′)	55 - 28	3,062 /-	13,232 /-	1.5 mm²
92	S-0	0.75	15	1.25″	38 (124′) - 68 (223′)	48 - 25	3,315 /-	13,485 /-	
93	S-7	1.00	6	1.5″	18 (57′) - 32 (105′)	190 - 135	2,857 /-	14,127 /-	
94	S-5	1.00	8	1.5″	20 (66′) - 36 (118′)	140 - 90	2,889 /-	14,159 /-	
95	S-4	1.00	10	1.25″	25 (82′) - 45 (148′)	85 - 54	2,992 /-	14,262 /-	
96	S-2	1.00	12	1.25″	30 (98′) - 54 (177′)	68 - 38	3,236 /-	14,506 /-	
97	S-1	1.00	15	1.25″	38 (124′) - 68 (223′)	55 - 28	3,452 /-	14,722 /-	1.5 mm²
98	S-0	1.00	18	1.25″	45 (148′) - 81 (266′)	48 - 25	3,788 /-	15,058 /-	
99	S-0	1.00	20	1.25″	50 (164′) - 90 (295′)	45 - 22	4,087 /-	15,357 /-	
100	S-10	1.50	6	2.0″	15 (49′) - 27 (89′)	200 - 150	2,816 /-	15,576 /-	
101	S-7	1.50	8	1.5″	20 (66′) - 36 (118′)	190 - 135	3,037 /-	15,797 /-	
102	S-5	1.50	10	1.5″	25 (82′) - 45 (148′)	140 - 90	3,197 /-	15,957 /-	S.P. 2.5 mm²
103	S-4	1.50	12	1.25″	30 (98′) - 54 (177′)	85 - 54	3,264 /-	16,024 /-	
104	S-4	1.50	15	1.25″	38 (124′) - 68 (223′)	80 - 50	3,633 /-	16,393 /-	
105	S-2	1.50	20	1.25″	50 (164′) - 90 (295′)	68 - 38	4,227 /-	16,987 /-	T.P. 1.5 mm²
106	S-1	1.50	22	1.25″	55 (180′) - 99 (325′)	55 - 28	4,452 /-	17,212 /-	
107	S-0	1.50	25	1.25″	63 (205′) - 113 (371′)	48 - 25	4,661 /-	17,421 /-	
108	S-10	2.00	8	2.0″	20 (66′) - 36 (118′)	200 - 150	3,212 /-	18,080 /-	
109	S-7	2.00	10	2.0″	25 (82′) - 45 (148′)	190 - 138	3,405 /-	18,273 /-	
110	S-5	2.00	12	1.5″	30 (98′) - 54 (177′)	140 - 90	3,538 /-	18,406 /-	S.P. 2.5 mm²
111	S-5	2.00	15	1.5″	38 (124′) - 68 (223′)	135 - 85	3,967 /-	18,835 /-	
112	S-4	2.00	20	1.25″	50 (164′) - 90 (295′)	85 - 54	4,503 /-	19,371 /-	
113	S-2	2.00	25	1.25″	63 (207′) - 113 (371′)	68 - 38	4,873 /-	19,741 /-	TP 1.5 mm²
114	S-1	2.00	28	1.25″	70 (230′) - 126 (413′)	55 - 28	5,218 /-	20,086 /-	
115	S-0	2.00	30	1.25″	75 (246′) - 135 (443′)	48 - 25	5,473 /-	20,341 /-	
116	S-18	3.00	6	2.0″	12 (39′) - 24 (79′)	300 - 190	4,718 /-	22,478 /-	
117	S-18	3.00	8	2.0″	16 (52′) - 32 (105′)	290 - 180	5,674 /-	23,434 /-	
118	S-12	3.00	10	2.0″	25 (82′) - 45 (148′)	220 - 160	3,672 /-	21,432 /-	
119	S-10	3.00	12	2.0″	30 (98′) - 54 (177′)	200 - 150	3,977 /-	21,737 /-	
120	S-7	3.00	15	2.0″	38 (125′) - 68 (223′)	190 - 135	4,272 /-	22,032 /-	S.P. 4.0 mm²
121	S-5	3.00	18	1.5″	45 (148′) - 81 (266′)	140 - 90	4,949 /-	22,709 /-	
122	S-4	3.00	20	1.25″	50 (164′) - 90 (295′)	85 - 54	5,215 /-	22,975 /-	
123	S-4	3.00	25	1.25″	63 (207′) - 113 (371′)	80 - 50	5,306 /-	23,066 /-	TP 2.5 mm²
124	S-2	3.00	28	1.25″	70 (230′) - 126 (413′)	68 - 38	5,726 /-	23,486 /-	
125	S-1	3.00	30	1.25″	75 (246′) - 135 (443′)	55 - 28	6,122 /-	23,882 /-	

NOTE: 0.5 & 0.75 HP Available In Single Phase Only.

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

V-4 Dynamic+ R Motor 96mm ∅ Single Phase Borewell Pumpset

Noryl Bowl with SS Neck Ring, Sand & Mud Proof Pumpset

Suitable For 4" and Above Dia. Borewell 230 Volt. In 1-Phase & 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
126	VR-1	0.50	7	1.25″	25 (82′) - 46 (151′)	40 - 20	2,938 /-	10,170 /-	1.5 mm²
127	VR-0	0.50	8	1.25″	28 (92′) - 52 (171′)	35 - 15	3,074 /-	10,306 /-	
128	VR-1	0.75	8	1.25″	28 (92′) - 52 (171′)	40 - 20	3,074 /-	11,210 /-	
129	VR-0	0.75	10	1.25″	35 (115′) - 65 (213′)	35 - 15	3,352 /-	11,488 /-	
130	VR-5	1.00	6	2.0″	21 (69′) - 39 (128′)	120 - 65	3,043 /-	12,473 /-	1.5 mm²
131	VR-4	1.00	8	1.25″	28 (92′) - 52 (171′)	90 - 55	3,342 /-	12,772 /-	
132	VR-2	1.00	10	1.25″	35 (115′) - 65 (213′)	65 - 35	3,482 /-	12,912 /-	
133	VR-1	1.00	15	1.25″	53 (174′) - 98 (321′)	40 - 20	4,117 /-	13,547 /-	
134	VR-1	1.00	16	1.25″	56 (184′) - 104 (341′)	35 - 18	4,257 /-	13,687 /-	
135	VR-0	1.00	18	1.25″	63 (207′) - 117 (384′)	35 - 15	4,704 /-	14,134 /-	
136	VR-5	1.50	8	2.0″	28 (92′) - 52 (171′)	120 - 65	3,408 /-	14,080 /-	1.5 mm²
137	VR-4	1.50	10	1.25″	35 (115′) - 65 (213′)	90 - 55	3,703 /-	14,375 /-	
138	VR-4	1.50	12	1.25″	42 (138′) - 78 (256′)	85 - 50	4,034 /-	14,706 /-	
139	VR-2	1.50	15	1.25″	53 (174′) - 98 (321′)	65 - 35	4,246 /-	14,918 /-	
140	VR-1	1.50	20	1.25″	70 (230′) - 130 (426′)	40 - 20	5,027 /-	15,699 /-	
141	VR-0	1.50	24	1.25″	84 (276′) - 156 (512′)	35 - 15	5,589 /-	16,261 /-	
142	VR-18	2.00	6	2.0″	09 (30′) - 27 (89′)	360 - 240	5,032 /-	17,776 /-	S.P. 2.5 mm²
143	VR-7	2.00	8	2.0″	24 (79′) - 52 (171′)	155 - 100	3,505 /-	16,249 /-	
144	VR-5	2.00	10	1.5″	35 (115′) - 65 (213′)	120 - 65	3,814 /-	16,558 /-	
145	VR-5	2.00	12	1.5″	42 (138′) - 78 (256′)	115 - 60	4,161 /-	16,905 /-	
146	VR-4	2.00	15	1.25″	53 (174′) - 98 (321′)	90 - 55	4,611 /-	17,355 /-	T.P. 1.5 mm²
147	VR-2	2.00	20	1.25″	70 (230′) - 130 (426′)	65 - 35	5,237 /-	17,981 /-	
148	VR-1	2.00	25	1.25″	88 (289′) - 163 (535′)	40 - 20	5,827 /-	18,571 /-	
149	VR-0	2.00	28	1.25″	98 (321′) - 182 (597′)	35 - 15	6,256 /-	19,000 /-	

Price For V-4 Dynamic Plus Single & Three Phase Motor Only						
HP	0.50	0.75	1.00	1.50	2.00	3.00
PRICE	7,232 /-	8,136 /-	9,430 /-	10,672 /-	12,744 /-	15,600 /-

NOTE: 0.5 & 0.75 HP Available In Single Phase Only.

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ORCAL® Pumps

V-4 Precious Motor 98mm ∅ Single Phase Borewell Pumpset

Noryl Bowl with SS Neck Ring, Sand & Mud Proof Pumpset

Suitable For 4" and Above Dia. Borewell 230 Volt. In 1-Phase & 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
150	V-18	3.0	6	2.0"	12 (39') - 24 (79')	290 - 200	4,922 /-	22,202 /-	
151	V-18	3.0	8	2.0"	16 (52') - 32 (105')	290 - 200	5,863 /-	23,143 /-	
152	V-12	3.0	10	2.0"	25 (82') - 45 (148')	220 - 165	3,782 /-	21,062 /-	S.P. 4.0 mm²
153	V-10	3.0	12	2.0"	30 (98') - 54 (177')	200 - 150	4,090 /-	21,370 /-	
154	V-7	3.0	15	1.5"	38 (125') - 68 (223')	190 - 138	4,615 /-	21,895 /-	
155	V-5	3.0	20	1.5"	50 (164') - 90 (295')	140 - 90	5,136 /-	22,416 /-	
156	V-4	3.0	25	1.25"	63 (207') - 113 (371')	95 - 64	5,400 /-	22,680 /-	T.P. 2.5 mm²
157	V-2	3.0	30	1.25"	75 (246') - 135 (443')	68 - 38	5,904 /-	23,184 /-	
158	V-1	3.0	35	1.25"	88 (289') - 158 (518')	55 - 28	6,473 /-	23,753 /-	
159	V-0	3.0	40	1.25"	100 (328') - 180 (590')	49 - 25	7,022 /-	24,302 /-	
160	V-18	5.0	10	2.0"	20 (66') - 40 (131')	290 - 200	6,917 /-	26,925 /-	
161	V-12	5.0	12	2.0"	30 (98') - 54 (177')	220 - 165	4,187 /-	24,195 /-	
162	V-10	5.0	15	2.0"	38 (125') - 68 (223')	200 - 150	4,848 /-	24,856 /-	S.P. 4.0 mm²
163	V-7	5.0	20	2.0"	50 (164') - 90 (295')	190 - 138	5,483 /-	25,491 /-	
164	V-5	5.0	25	1.5"	63 (207') - 113 (371')	140 - 90	5,946 /-	25,954 /-	
165	V-4	5.0	30	1.25"	75 (246') - 135 (443')	95 - 64	6,310 /-	26,318 /-	
166	V-2	5.0	35	1.25"	88 (289') - 158 (518')	68 - 38	6,581 /-	26,589 /-	T.P. 2.5 mm²
167	V-1	5.0	40	1.25"	100 (328') - 180 (590')	55 - 28	7,164 /-	27,172 /-	
168	V-0	5.0	45	1.25"	113 (371') - 203 (666')	49 - 25	7,696 /-	27,704 /-	
169	V-18	6.5	12	2.0"	24 (79') - 48 (157')	290 - 200	8,068 /-	32,818 /-	
170	V-12	6.5	18	2.0"	45 (148') - 81 (266')	220 - 165	5,535 /-	30,285 /-	
171	V-10	6.5	20	2.0"	50 (164') - 90 (295')	200 - 150	6,023 /-	30,773 /-	
172	V-7	6.5	25	2.0"	63 (207') - 113 (371')	190 - 138	6,618 /-	31,368 /-	
173	V-5	6.5	30	1.5"	75 (246') - 135 (443')	140 - 90	7,028 /-	31,778 /-	S.P. 4.0 mm²
174	V-4	6.5	35	1.25"	88 (289') - 158 (518')	95 - 64	7,115 /-	31,865 /-	
175	V-2	6.5	40	1.25"	100 (328') - 180 (590')	68 - 38	7,340 /-	32,090 /-	
176	V-1	6.5	45	1.25"	113 (371') - 203 (666')	55 - 28	8,128 /-	32,878 /-	
177	V-0	6.5	50	1.25"	125 (410') - 225 (738')	49 - 25	8,455 /-	33,205 /-	
178	V-18	7.5	14	2.0"	28 (92') - 56 (184')	290 - 200	9,607 /-	37,427 /-	
179	V-12	7.5	20	2.0"	50 (164') - 90 (295')	220 - 165	6,120 /-	33,940 /-	
180	V-10	7.5	25	2.0"	63 (207') - 113 (371')	200 - 150	7,163 /-	34,983 /-	
181	V-7	7.5	30	2.0"	75 (246') - 135 (443')	190 - 138	7,725 /-	35,545 /-	
182	V-5	7.5	35	1.5"	88 (289') - 158 (518')	140 - 90	8,081 /-	35,901 /-	S.P. 4.0 mm²
183	V-4	7.5	40	1.25"	100 (328') - 180 (590')	95 - 64	8,076 /-	35,896 /-	
184	V-4	7.5	45	1.25"	113 (371') - 203 (666')	95 - 64	8,949 /-	36,769 /-	
185	V-2	7.5	50	1.25"	125 (410') - 225 (738')	68 - 38	9,071 /-	36,891 /-	
186	V-1	7.5	60	1.25"	150 (492') - 270 (886')	55 - 28	10,312 /-	38,132 /-	

Price For V-4 Precious Single & Three Phase Motor Only				
HP	3.0	5.0	6.5	7.5
PRICE	17,280 /-	20,008 /-	24,750 /-	27,820 /-

NOTE: 3.0 & 5.0 HP Available In Single Phase Only.

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

V-4 Precious R Motor 98mm ∅ Single Phase Borewell Pumpset

Noryl Bowl with SS Neck Ring, Sand & Mud Proof Pumpset
Suitable For 4" and Above Dia. Borewell 230 Volt. In 1-Phase & 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
187	VR-18	3.0	8	2.0"	16 (52') - 36 (118')	310 - 240	6,350 /-	23,630 /-	
188	VR-12	3.0	10	2.0"	35 (115') - 65 (213')	155 - 100	4,104 /-	21,384 /-	S.P. 4.0 mm²
189	VR-10	3.0	15	2.0"	53 (174') - 98 (321')	120 - 65	5,004 /-	22,284 /-	
190	VR-7	3.0	20	1.5"	63 (207') - 117 (384')	90 - 55	6,038 /-	23,318 /-	
191	VR-5	3.0	25	1.5"	88 (289') - 163 (535')	65 - 35	6,442 /-	23,722 /-	
192	VR-4	3.0	30	1.25"	105 (344') - 195 (640')	40 - 20	7,099 /-	24,379 /-	T.P. 2.5 mm²
193	VR-2	3.0	35	1.25"	123 (403') - 228 (748')	35 - 15	7,862 /-	25,142 /-	
194	VR-18	5.0	10	2.0"	20 (66') - 45 (148')	310 - 240	7,525 /-	27,533 /-	
195	VR-12	5.0	15	2.0"	53 (174') - 98 (321')	155 - 100	5,351 /-	25,359 /-	S.P. 4.0 mm²
196	VR-10	5.0	20	2.0"	70 (230') - 130 (426')	120 - 65	6,242 /-	26,250 /-	
197	VR-7	5.0	25	1.5"	88 (289') - 163 (535')	90 - 55	7,266 /-	27,274 /-	
198	VR-5	5.0	30	1.5"	105 (344') - 195 (640')	65 - 35	7,571 /-	27,579 /-	
199	VR-4	5.0	35	1.25"	123 (403') - 228 (748')	40 - 20	7,993 /-	28,001 /-	T.P. 2.5 mm²
200	VR-2	5.0	40	1.25"	140 (459') - 260 (853')	35 - 15	8,955 /-	28,963 /-	
201	VR-18	6.5	12	2.0"	24 (79') - 54 (117')	310 - 240	8,995 /-	33,745 /-	
202	VR-12	6.5	20	2.0"	70 (230') - 130 (426')	155 - 100	6,693 /-	31,443 /-	
203	VR-10	6.5	25	2.0"	88 (287') - 163 (535')	120 - 65	7,578 /-	32,328 /-	
204	VR-7	6.5	30	1.5"	105 (344') - 195 (640')	90 - 55	8,408 /-	33,158 /-	S.P. 4.0 mm²
205	VR-5	6.5	35	1.5"	123 (402') - 228 (748')	65 - 35	8,613 /-	33,363 /-	
206	VR-4	6.5	40	1.25"	140 (459') - 260 (853')	40 - 20	9,175 /-	33,925 /-	
207	VR-2	6.5	45	1.25"	158 (517') - 293 (961')	35 - 15	9,970 /-	34,720 /-	
208	VR-18	7.5	14	2.0"	28 (92') - 63 (207')	310 - 240	10,491 /-	38,311 /-	
209	VR-12	7.5	25	2.0"	88 (287') - 163 (535')	155 - 100	8,016 /-	35,836 /-	
210	VR-10	7.5	30	2.0"	105 (344') - 195 (640')	120 - 65	8,908 /-	36,728 /-	
211	VR-7	7.5	35	1.5"	123 (402') - 228 (748')	90 - 55	9,747 /-	37,567 /-	S.P. 4.0 mm²
212	VR-5	7.5	40	1.5"	140 (459') - 260 (853')	65 - 35	10,949 /-	38,769 /-	
213	VR-4	7.5	45	1.25"	158 (517') - 293 (961')	40 - 20	10,936 /-	38,756 /-	
214	VR-2	7.5	50	1.25"	175 (574') - 325 (1066')	35 - 15	11,196 /-	39,016 /-	

Price For V-4 Precious R Single & Three Phase Motor Only				
HP	3.0	5.0	6.5	7.5
PRICE	17,280 /-	20,008 /-	24,750 /-	27,820 /-

NOTE: 3.0 & 5.0 HP Available In Single Phase Only.

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

V-5 Motor 120mm ∅ Three Phase Borewell Pumpset

Noryl 30% Glass Filled Bowlset with SS-304 Neck Rings Impellers, Sand & Mud Proof Pumpset
Suitable For 5" and Above Dia. Borewell, 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
215	261-303	3.0	3	2.5″	15 (49′) - 27 (89′)	525 - 170	9,328 /-	33,488 /-	
216	262-304	3.0	4	2.5″	20 (66′) - 36 (118′)	540 - 210	7,654 /-	31,814 /-	
217	C10-308	3.0	8	2.5″	36 (118′) - 62 (203′)	180 - 70	5,024 /-	29,182 /-	2.5 mm²
218	C7-3010	3.0	10	2.0″	45 (148′) - 78 (256′)	150 - 60	5,502 /-	29,660 /-	
219	C5-3014	3.0	14	2.0″	63 (207′) - 112 (367′)	110 - 50	6,220 /-	30,378 /-	
220	C4-3016	3.0	16	2.0″	72 (236′) - 128 (420′)	90 - 30	6,936 /-	31,096 /-	
221	261-505	5.0	5	2.5″	25 (82′) - 45 (148′)	525 - 170	12,678 /-	41,502 /-	
222	262-506	5.0	6	2.5″	30 (98′) - 54 (177′)	540 - 210	11,242 /-	40,066 /-	
223	C10-5012	5.0	12	2.5″	54 (177′) - 94 (308′)	180 - 70	6,458 /-	35,282 /-	
224	C7-5018	5.0	18	2.0″	81 (266′) - 140 (459′)	150 - 60	8,014 /-	36,836 /-	2.5 mm²
225	C5-5022	5.0	22	2.0″	99 (325′) - 176 (577′)	110 - 50	8,970 /-	37,794 /-	
226	C4-5027	5.0	27	2.0″	122 (400′) - 216 (708′)	90 - 30	10,644 /-	39,468 /-	
227	261-656	6.5	6	2.5″	30 (98′) - 54 (177′)	525 - 170	16,146 /-	47,840 /-	
228	262-658	6.5	8	2.5″	40 (131′) - 72 (236′)	540 - 210	12,678 /-	44,372 /-	
229	C10-6516	6.5	16	2.5″	72 (236′) - 125 (410′)	180 - 70	7,894 /-	39,588 /-	
230	C7-6522	6.5	22	2.0″	99 (325′) - 172 (564′)	150 - 60	9,090 /-	40,784 /-	4.0 mm²
231	C5-6527	6.5	27	2.0″	122 (400′) - 216 (708′)	110 - 50	10,644 /-	42,338 /-	
232	C4-6532	6.5	32	2.0″	144 (472′) - 256 (840′)	90 - 30	11,960 /-	43,654 /-	
233	261-758	7.5	8	2.5″	40 (131′) - 72 (236′)	525 - 170	19,614 /-	54,776 /-	
234	262-7510	7.5	10	2.5″	50 (164′) - 90 (295′)	540 - 210	16,146 /-	51,308 /-	
235	C10-7520	7.5	20	2.5″	90 (295′) - 156 (512′)	180 - 70	9,210 /-	44,372 /-	
236	C7-7526	7.5	26	2.0″	117 (384′) - 203 (666′)	150 - 60	10,764 /-	45,926 /-	4.0 mm² DOL
237	C5-7532	7.5	32	2.0″	144 (472′) - 256 (840′)	110 - 50	11,960 /-	47,122 /-	
238	C4-7540	7.5	40	2.0″	180 (590′) - 320 (1050′)	90 - 30	14,592 /-	49,754 /-	
239	261-1010	10.0	10	2.5″	50 (164′) - 90 (295′)	525 - 170	23,082 /-	62,790 /-	
240	262-1012	10.0	12	2.5″	60 (197′) - 108 (354′)	540 - 210	19,614 /-	59,322 /-	
241	C10-1025	10.0	25	2.5″	113 (371′) - 195 (640′)	180 - 70	11,242 /-	50,950 /-	
242	C7-1030	10.0	30	2.0″	135 (443′) - 234 (768′)	150 - 60	12,318 /-	52,026 /-	4.0 mm² DOL
243	C5-1040	10.0	40	2.0″	180 (590′) - 320 (1050′)	110 - 50	14,592 /-	54,298 /-	

Price For V-5 Deluxe Three Phase Motor Only					
HP	3.00	5.00	6.50	7.50	10.0
PRICE	24,160 /-	28,824 /-	31,694 /-	35,164 /-	39,708 /-

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ORCAL® Pumps

V-5 Motor 120mm ∅ Three Phase Borewell Pumpset

SS-304 Bowl with SS-410 Impellers, Sand & Mud Proof Pumpset
Suitable For 5" and Above Dia. Borewell, 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
244	ORIC-100	3.0	3	2.5″	18 (59′) - 30 (98′)	325 - 200	8,492 /-	32,650 /-	4.0 mm² DOL
245	ORIC-80	3.0	4	2.5″	24 (79′) - 40 (131′)	300 - 180	9,926 /-	34,086 /-	
246	ORIC-60	3.0	5	2.5″	30 (98′) - 50 (164′)	250 - 155	10,764 /-	34,924 /-	
247	ORIC-50	3.0	6	2.0″	36 (118′) - 60 (197′)	230 - 130	12,080 /-	36,238 /-	
248	ORIC-40	3.0	7	2.0″	42 (138′) - 70 (230′)	200 - 95	12,678 /-	36,836 /-	
249	ORIC-30	3.0	10	2.0″	60 (197′) - 100 (328′)	160 - 70	16,146 /-	40,306 /-	
250	ORIC-100	5.0	5	2.5″	30 (98′) - 50 (164′)	325 - 200	11,242 /-	40,066 /-	4.0 mm² DOL
251	ORIC-80	5.0	6	2.5″	36 (118′) - 60 (197′)	300 - 180	12,678 /-	41,502 /-	
252	ORIC-60	5.0	8	2.5″	48 (157′) - 80 (262′)	250 - 155	14,710 /-	43,534 /-	
253	ORIC-50	5.0	10	2.0″	60 (197′) - 100 (328′)	230 - 130	15,788 /-	44,610 /-	
254	ORIC-40	5.0	12	2.0″	72 (236′) - 120 (394′)	200 - 95	18,538 /-	47,362 /-	
255	ORIC-30	5.0	16	2.0″	96 (315′) - 160 (525′)	160 - 70	23,322 /-	52,146 /-	
256	ORIC-100	6.5	6	2.5″	36 (118′) - 60 (197′)	325 - 200	12,678 /-	44,372 /-	4.0 mm² DOL
257	ORIC-80	6.5	8	2.5″	48 (157′) - 80 (262′)	300 - 180	15,308 /-	47,002 /-	
258	ORIC-60	6.5	10	2.5″	60 (197′) - 100 (328′)	250 - 155	17,222 /-	48,916 /-	
259	ORIC-50	6.5	12	2.0″	72 (236′) - 120 (394′)	230 - 130	19,854 /-	51,548 /-	
260	ORIC-40	6.5	15	2.0″	90 (295′) - 150 (492′)	200 - 95	22,126 /-	53,820 /-	
261	ORIC-30	6.5	20	2.0″	120 (394′) - 200 (656′)	160 - 70	27,986 /-	59,680 /-	
262	ORIC-100	7.5	8	2.5″	48 (157′) - 80 (262′)	325 - 200	15,308 /-	50,472 /-	4.0 mm² DOL
263	ORIC-80	7.5	10	2.5″	60 (197′) - 100 (328′)	300 - 180	18,298 /-	53,462 /-	
264	ORIC-60	7.5	12	2.5″	72 (236′) - 120 (394′)	250 - 155	19,854 /-	55,016 /-	
265	ORIC-50	7.5	15	2.0″	90 (295′) - 150 (492′)	230 - 130	23,680 /-	58,844 /-	
266	ORIC-40	7.5	18	2.0″	108 (354′) - 180 (590′)	200 - 95	25,594 /-	60,756 /-	
267	ORIC-30	7.5	24	2.0″	144 (472′) - 240 (787′)	160 - 70	32,650 /-	67,814 /-	
268	ORIC-100	10.0	10	2.5″	60 (197′) - 100 (328′)	325 - 200	18,180 /-	57,886 /-	4.0 mm² DOL
269	ORIC-80	10.0	12	2.5″	72 (236′) - 120 (394′)	300 - 180	20,930 /-	60,638 /-	
270	ORIC-60	10.0	16	2.5″	96 (315′) - 160 (525′)	250 - 155	25,116 /-	64,824 /-	
271	ORIC-50	10.0	20	2.0″	120 (394′) - 200 (656′)	230 - 130	30,140 /-	69,846 /-	
272	ORIC-40	10.0	24	2.0″	144 (472′) - 240 (787′)	200 - 95	32,650 /-	72,358 /-	
273	ORIC-30	10.0	32	2.0″	192 (630′) - 320 (1050′)	160 - 70	42,098 /-	81,806 /-	

38 FEET

Price For V-5 Deluxe Three Phase Motor Only					
HP	3.00	5.00	6.50	7.50	10.0
PRICE	24,160 /-	28,824 /-	31,694 /-	35,164 /-	39,708 /-

Average Voltage Range Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ORCAL® Pumps

V-6 Premium Motor 142mm ∅ Three Phase Borewell Pumpset

CI-FG-200 Bowl with SS-410 Impellers, Sand & Mud Proof Pumpset
Suitable For 6" and Above Dia. Borewell, 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
274	OMCS-125	3.0	2	2.5"	10 (33') - 17 (56')	805 - 505	6,647 /-	29,877 /-	
275	OMCS-100	3.0	3	2.5"	15 (49') - 26 (85')	575 - 360	7,567 /-	30,797 /-	
276	OMCS-200	5.0	2	3.0"	10 (33') - 17 (56')	1180 - 865	6,647 /-	33,557 /-	2.5 mm²
277	OMCS-150	5.0	3	2.5"	15 (49') - 26 (85')	805 - 505	7,567 /-	34,477 /-	
278	OMCS-125	5.0	4	2.5"	20 (66') - 34 (112')	680 - 410	9,246 /-	36,156 /-	
279	OMCS-100	5.0	5	2.5"	25 (82') - 43 (141')	575 - 360	10,810 /-	37,720 /-	
280	OMCS-200	6.5	3	3.0"	15 (49') - 26 (85')	1045 - 730	7,764 /-	37,264 /-	2.5 mm²
281	OMCS-150	6.5	4	2.5"	20 (66') - 34 (112')	805 - 505	9,487 /-	38,987 /-	
282	OMCS-125	6.5	5	2.5"	25 (82') - 43 (141')	680 - 410	11,092 /-	40,592 /-	
283	OMCS-100	6.5	6	2.5"	30 (98') - 51 (167')	575 - 360	12,673 /-	42,173 /-	
284	OMCS-250	7.5	3	3.0"	15 (49') - 26 (85')	1180 - 865	7,764 /-	39,624 /-	
285	OMCS-200	7.5	4	3.0"	20 (66') - 34 (112')	1045 - 730	9,487 /-	41,347 /-	4.0 mm²
286	OMCS-150	7.5	5	2.5"	25 (82') - 43 (141')	805 - 505	11,092 /-	42,952 /-	
287	OMCS-125	7.5	6	2.5"	30 (98') - 51 (167')	680 - 410	12,673 /-	44,533 /-	
288	OMCS-100	7.5	8	2.5"	40 (131') - 68 (223')	575 - 360	15,859 /-	47,719 /-	
289	OMCS-250	10.0	4	3.0"	20 (66') - 34 (112')	1180 - 865	9,648 /-	45,888 /-	2.5 mm² S/D
290	OMCS-200	10.0	5	3.0"	25 (82') - 43 (141')	1045 - 730	11,280 /-	47,520 /-	
291	OMCS-150	10.0	7	2.5"	35 (115') - 60 (197')	805 - 505	14,508 /-	50,748 /-	
292	OMCS-125	10.0	8	2.5"	40 (131') - 68 (223')	680 - 410	16,128 /-	52,368 /-	4.0 mm² DOL
293	OMCS-100	10.0	10	2.5"	50 (164') - 85 (279')	575 - 360	19,368 /-	55,608 /-	
294	OMCS-250	12.5	5	3.0"	25 (82') - 43 (141')	1180 - 865	11,280 /-	53,280 /-	
295	OMCS-200	12.5	6	3.0"	30 (98') - 51 (167')	1045 - 730	12,888 /-	54,888 /-	4.0 mm² S/D
296	OMCS-150	12.5	8	2.5"	40 (131') - 68 (223')	805 - 505	16,128 /-	58,128 /-	
297	OMCS-125	12.5	10	2.5"	50 (164') - 85 (279')	680 - 410	19,368 /-	61,368 /-	
298	OMCS-100	12.5	12	2.5"	60 (197') - 102 (335')	575 - 360	22,608 /-	64,608 /-	
299	OMCS-250	15.0	6	3.0"	30 (98') - 51 (167')	1180 - 865	13,425 /-	60,800 /-	
300	OMCS-200	15.0	7	3.0"	35 (115') - 60 (197')	1045 - 730	15,113 /-	62,488 /-	4.0 mm² S/D
301	OMCS-150	15.0	10	2.5"	50 (164') - 85 (279')	805 - 505	20,175 /-	67,550 /-	
302	OMCS-125	15.0	12	2.5"	60 (197') - 102 (335')	680 - 410	23,550 /-	70,925 /-	
303	OMCS-100	15.0	15	2.5"	75 (246') - 128 (420')	575 - 360	28,615 /-	75,990 /-	
304	OMCS-250	17.5	7	3.0"	35 (115') - 60 (197')	1180 - 865	13,850 /-	63,850 /-	
305	OMCS-200	17.5	9	3.0"	45 (148') - 77 (253')	1045 - 730	18,350 /-	68,350 /-	4.0 mm² S/D
306	OMCS-150	17.5	12	2.5"	60 (197') - 102 (335')	805 - 505	23,550 /-	73,550 /-	
307	OMCS-125	17.5	14	2.5"	70 (230') - 119 (390')	680 - 410	26,925 /-	76,925 /-	
308	OMCS-250	20.0	8	3.0"	40 (131') - 68 (223')	1180 - 865	16,800 /-	71,300 /-	
309	OMCS-200	20.0	10	3.0"	50 (164') - 85 (279')	1045 - 730	20,175 /-	74,675 /-	6.0 mm²
310	OMCS-150	20.0	13	2.5"	65 (213') - 111 (364')	805 - 505	25,238 /-	79,738 /-	
311	OMCS-125	20.0	16	2.5"	80 (262') - 135 (443')	680 - 410	28,615 /-	83,115 /-	
312	OMCS-250	22.5	9	3.0"	45 (148') - 77 (253')	1180 - 865	19,084 /-	78,104 /-	
313	OMCS-200	22.5	11	3.0"	55 (180') - 94 (308')	1045 - 730	22,740 /-	81,760 /-	6.0 mm²
314	OMCS-150	22.5	15	2.5"	75 (246') - 128 (420')	805 - 505	29,760 /-	88,780 /-	

40 FEET

Average Voltage Range Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

V-6 Premium Motor 142mm ∅ Three Phase Borewell Pumpset

CI-FG-200 Bowl with SS-410 Impellers, Sand & Mud Proof Pumpset
Suitable For 6" and Above Dia. Borewell, 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
315	OMCS-250	25.0	10	3.0″	50 (164′) - 85 (279′)	1180 - 865	22,596 /-	89,516 /-	8.0 mm²
316	OMCS-200	25.0	12	3.0″	60 (197′) - 102 (335′)	1045 - 730	26,376 /-	93,296 /-	
317	OMCS-150	25.0	17	2.5″	85 (279′) - 145 (475′)	805 - 505	36,137 /-	1,03,057 /-	
318	OMCS-250	27.5	11	3.0″	55 (180′) - 94 (308′)	1180 - 865	24,489 /-	95,049 /-	8.0 mm²
319	OMCS-200	27.5	13	3.0″	65 (213′) - 111 (364′)	1045 - 730	28,269 /-	98,829 /-	
320	OMCS-150	27.5	18	2.5″	90 (295′) - 153 (502′)	805 - 505	38,489 /-	1,09,049 /-	
321	OMCS-200	30.0	12	3.0″	60 (197′) - 102 (335′)	1180 - 865	27,318 /-	1,03,878 /-	8.0mm²
322	OMCS-150	30.0	15	3.0″	75 (246′) - 128 (420′)	1045 - 730	33,193 /-	1,09,753 /-	

40 FEET

Price For V-6 OMCS Three Phase Motor Only							
HP	**3.00**	**5.00**	**6.50**	**7.50**	**10.0**	**12.50**	**15.00**
PRICE	23,230 /-	26,910 /-	29,500 /-	31,860 /-	36,240 /-	42,000 /-	47,375 /-
HP	**17.50**	**20.00**	**22.50**	**25.00**	**27.50**	**30.00**	
PRICE	50,000 /-	54,500 /-	59,020 /-	66,920 /-	70,560 /-	76,560 /-	

Average Voltage Range Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ORCAL® Pumps

V-6 Premium Motor 142mm ∅ Three Phase Borewell Pumpset

SS-304 Bowl with SS-410 Impellers, Sand & Mud Proof Pumpset
Suitable For 6" and Above Dia. Borewell, 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
323	ORSS-125	3.0	2	2.5"	16 (52') - 28 (92')	550 - 320	7,314 /-	30,544 /-	
324	ORSS-100	3.0	3	2.5"	24 (79') - 42 (138')	335 - 190	8,556 /-	31,786 /-	2.5 mm²
325	ORSS-80	3.0	4	2.0"	32 (105') - 56 (184')	260 - 150	9,821 /-	33,051 /-	
326	ORSS-60	3.0	5	2.0"	40 (131') - 70 (230')	200 - 110	10,695 /-	33,925 /-	
327	ORSS-50	3.0	6	2.0"	48 (157') - 78 (256')	165 - 75	11,868 /-	35,098 /-	
328	ORSS-150	5.0	3	2.5"	24 (79') - 42 (138')	550 - 320	9,039 /-	35,949 /-	
329	ORSS-125	5.0	4	2.5"	32 (105') - 56 (184')	430 - 300	10,143 /-	37,053 /-	
330	ORSS-100	5.0	5	2.5"	40 (131') - 70 (230')	335 - 190	11,270 /-	38,180 /-	2.5 mm²
331	ORSS-80	5.0	6	2.0"	48 (157') - 84 (276')	260 - 150	12,489 /-	39,399 /-	
332	ORSS-60	5.0	8	2.0"	64 (210') - 112 (367')	200 - 110	14,221 /-	41,331 /-	
333	ORSS-50	5.0	10	2.0"	80 (262') - 130 (426')	165 - 75	16,790 /-	43,700 /-	
334	ORSS-200	6.5	3	2.5"	24 (79') - 42 (138')	630 - 410	9,416 /-	38,916 /-	
335	ORSS-150	6.5	4	2.5"	32 (105') - 56 (184')	550 - 320	10,832 /-	40,332 /-	4.0 mm²
336	ORSS-125	6.5	5	2.5"	40 (131') - 70 (230')	430 - 300	11,859 /-	41,359 /-	
337	ORSS-100	6.5	6	2.5"	48 (157') - 84 (276')	335 - 190	12,956 /-	42,456 /-	
338	ORSS-80	6.5	8	2.0"	64 (210') - 112 (367')	260 - 150	15,552 /-	45,052 /-	
339	ORSS-60	6.5	10	2.0"	80 (262') - 140 (459')	200 - 110	17,346 /-	46,846 /-	2.5 mm² S/D
340	ORSS-50	6.5	12	2.0"	96 (315') - 156 (512')	165 - 75	19,753 /-	49,253 /-	
341	ORSS-200	7.5	4	2.5"	32 (105') - 56 (184')	630 - 410	11,021 /-	42,881 /-	
342	ORSS-150	7.5	5	2.5"	40 (131') - 70 (230')	550 - 320	12,390 /-	44,250 /-	
343	ORSS-125	7.5	6	2.5"	48 (157') - 84 (276')	430 - 300	13,310 /-	45,170 /-	
344	ORSS-100	7.5	8	2.5"	64 (210') - 112 (367')	335 - 190	15,741 /-	47,601 /-	4.0 mm² DOL
345	ORSS-80	7.5	10	2.0"	80 (262') - 140 (459')	260 - 150	18,290 /-	50,150 /-	
346	ORSS-60	7.5	12	2.0"	96 (315') - 168 (551')	200 - 110	19,895 /-	51,755 /-	
347	ORSS-50	7.5	15	2.0"	120 (394') - 195 (640')	165 - 75	23,541 /-	55,401 /-	
348	ORSS-200	10.0	5	2.5"	40 (131') - 70 (230')	630 - 410	12,840 /-	49,080 /-	
349	ORSS-150	10.0	7	2.5"	56 (184') - 98 (321')	550 - 320	15,768 /-	52,008 /-	
350	ORSS-125	10.0	8	2.5"	64 (210') - 112 (367')	430 - 300	16,488 /-	52,728 /-	
351	ORSS-100	10.0	10	2.5"	80 (262') - 140 (459')	335 - 190	18,840 /-	55,080 /-	4.0 mm² DOL
352	ORSS-80	10.0	12	2.0"	96 (315') - 168 (551')	260 - 150	21,384 /-	57,624 /-	
353	ORSS-60	10.0	16	2.0"	128 (420') - 224 (735')	200 - 110	25,416 /-	61,656 /-	
354	ORSS-50	10.0	20	2.0"	160 (525') - 260 (853')	165 - 75	30,360 /-	66,600 /-	
355	ORSS-200	12.5	6	2.5"	48 (157') - 84 (276')	630 - 410	14,472 /-	56,472 /-	
356	ORSS-150	12.5	8	2.5"	64 (210') - 112 (367')	550 - 320	17,352 /-	59,352 /-	
357	ORSS-125	12.5	10	2.5"	80 (262') - 140 (459')	430 - 300	19,440 /-	61,440 /-	
358	ORSS-100	12.5	12	2.5"	96 (315') - 168 (551')	335 - 190	21,672 /-	63,672 /-	4.0 mm² DOL
359	ORSS-80	12.5	15	2.0"	120 (394') - 210 (689')	260 - 150	25,560 /-	67,560 /-	
360	ORSS-60	12.5	20	2.0"	160 (525') - 280 (918')	200 - 110	30,600 /-	72,600 /-	
361	ORSS-50	12.5	25	2.0"	200 (656') - 325 (1066')	165 - 75	36,780 /-	78,780 /-	

55 FEET

Average Voltage Range Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ORCAL® Pumps

V-6 Premium Motor 142mm ∅ Three Phase Borewell Pumpset

SS-304 Bowl with SS-410 Impellers, Sand & Mud Proof Pumpset
Suitable For 6" and Above Dia. Borewell, 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
362	ORSS-200	15.0	8	2.5″	64 (210′) - 112 (367′)	630 - 410	18,475 /-	65,850 /-	
363	ORSS-150	15.0	10	2.5″	80 (262′) - 140 (459′)	550 - 320	21,375 /-	68,750 /-	
364	ORSS-125	15.0	12	2.5″	96 (315′) - 168 (551′)	430 - 300	23,325 /-	70,700 /-	
365	ORSS-100	15.0	15	2.5″	120 (394′) - 210 (689′)	335 - 190	27,000 /-	74,375 /-	4.0 mm² S/D
366	ORSS-80	15.0	18	2.0″	144 (472′) - 252 (827′)	260 - 150	30,975 /-	78,350 /-	
367	ORSS-60	15.0	24	2.0″	192 (630′) - 336 (1102′)	200 - 110	37,275 /-	84,650 /-	
368	ORSS-50	15.0	30	2.0″	240 (787′) - 390 (1279′)	165 - 75	45,000 /-	92,375 /-	
369	ORSS-200	17.5	9	2.5″	72 (236′) - 126 (413′)	630 - 410	20,175 /-	70,175 /-	
370	ORSS-150	17.5	12	2.5″	96 (315′) - 168 (551′)	550 - 320	24,675 /-	74,675 /-	
371	ORSS-125	17.5	14	2.5″	112 (367′) - 196 (643′)	430 - 300	26,400 /-	76,400 /-	
372	ORSS-100	17.5	18	2.5″	144 (472′) - 252 (827′)	335 - 190	31,425 /-	81,425 /-	4.0 mm² S/D
373	ORSS-80	17.5	22	2.0″	176 (577′) - 308 (1010′)	260 - 150	36,775 /-	86,775 /-	
374	ORSS-60	17.5	28	2.0″	224 (735′) - 392 (1286′)	200 - 110	42,675 /-	92,675 /-	
375	ORSS-200	20.0	10	2.5″	80 (262′) - 140 (459′)	630 - 410	21,875 /-	76,375 /-	
376	ORSS-150	20.0	13	2.5″	104 (341′) - 182 (597′)	550 - 320	26,325 /-	80,825 /-	
377	ORSS-125	20.0	16	2.5″	128 (420′) - 224 (735′)	430 - 300	29,475 /-	83,975 /-	
378	ORSS-100	20.0	20	2.5″	160 (525′) - 280 (918′)	335 - 190	34,375 /-	88,875 /-	6.0 mm² S/D
379	ORSS-80	20.0	25	2.0″	200 (656′) - 350 (1148′)	260 - 150	41,125 /-	95,625 /-	
380	ORSS-60	20.0	30	2.0″	240 (787′) - 420 (1378′)	200 - 110	45,375 /-	99,875 /-	
381	ORSS-200	22.5	11	2.5″	88 (289′) - 154 (505′)	630 - 410	24,518 /-	83,538 /-	
382	ORSS-150	22.5	15	2.5″	120 (394′) - 210 (689′)	550 - 320	30,810 /-	89,830 /-	
383	ORSS-125	22.5	18	2.5″	144 (472′) - 252 (827′)	430 - 300	33,852 /-	92,872 /-	
384	ORSS-100	22.5	22	2.5″	176 (577′) - 308 (1010′)	335 - 190	38,818 /-	97,838 /-	6.0 mm² DOL
385	ORSS-80	22.5	28	2.0″	224 (735′) - 392 (1286′)	260 - 150	47,294 /-	1,06,314 /-	
386	ORSS-200	25.0	12	2.5″	96 (315′) - 168 (551′)	630 - 410	28,308 /-	95,228 /-	
387	ORSS-150	25.0	17	2.5″	136 (446′) - 238 (781′)	550 - 320	36,876 /-	1,03,796 /-	
388	ORSS-125	25.0	20	2.5″	160 (525′) - 280 (918′)	430 - 300	39,900 /-	1,06,820 /-	
389	ORSS-100	25.0	25	2.5″	200 (656′) - 350 (1148′)	335 - 190	46,760 /-	1,13,680 /-	6.0 mm² DOL
390	ORSS-200	27.5	14	2.5″	112 (367′) - 196 (643′)	630 - 410	32,116 /-	1,02,676 /-	
391	ORSS-150	27.5	18	2.5″	144 (472′) - 252 (827′)	550 - 320	38,724 /-	1,09,284 /-	
392	ORSS-125	27.5	22	2.5″	176 (577′) - 308 (1010′)	430 - 300	43,344 /-	1,13,904 /-	
393	ORSS-100	27.5	28	2.5″	224 (735′) - 392 (1286′)	335 - 190	51,716 /-	1,22,276 /-	8.0 mm² DOL
394	ORSS-200	30.0	15	2.5″	120 (394′) - 210 (689′)	630 - 410	35,235 /-	1,11,795 /-	
395	ORSS-150	30.0	20	2.5″	160 (525′) - 280 (918′)	550 - 320	43,935 /-	1,20,495 /-	
396	ORSS-125	30.0	24	2.5″	192 (630′) - 336 (1102′)	430 - 300	48,459 /-	1,25,019 /-	
397	ORSS-100	30.0	30	2.5″	240 (787′) - 420 (1378′)	335 - 190	56,985 /-	1,33,545 /-	8.0 mm² DOL

55 FEET

Price For V-6 ORSS Three Phase Motor Only							
HP	**3.00**	**5.00**	**6.50**	**7.50**	**10.0**	**12.50**	**15.00**
PRICE	23,230 /-	26,910 /-	29,500 /-	31,860 /-	36,240 /-	42,000 /-	47,375 /-
HP	**17.50**	**20.00**	**22.50**	**25.00**	**27.50**	**30.00**	
PRICE	50,000 /-	54,500 /-	59,020 /-	66,920 /-	70,560 /-	76,560 /-	

Average Voltage Range Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

V-6 Premium Motor 142mm ∅ Three Phase Borewell Pumpset

SS-304 Bowl with SS-304 Impellers, Sand & Mud Proof Pumpset
Suitable For 6" and Above Dia. Borewell, 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
398	OHRS-125	3.0	2	2.5"	24 (79') - 32 (98')	360 - 210	8,786 /-	32,016 /-	
399	OHRS-100	3.0	3	2.5"	36 (118') - 48 (148')	270 - 160	10,419 /-	33,649 /-	
400	OHRS-80	3.0	4	2.0"	48 (157') - 64 (197')	205 - 130	12,167 /-	35,397 /-	
401	OHRS-60	3.0	5	2.0"	60 (197') - 80 (246')	150 - 110	13,340 /-	36,570 /-	
402	OHRS-200	5.0	2	2.5"	24 (79') - 32 (98')	540 - 350	9,085 /-	35,995 /-	2.5 mm²
403	OHSS-150	5.0	3	2.5"	36 (118') - 48 (148')	460 - 290	10,626 /-	37,536 /-	
404	OHRS-125	5.0	4	2.5"	48 (157') - 64 (197')	360 - 210	12,397 /-	39,307 /-	
405	OHRS-100	5.0	5	2.5"	60 (197') - 80 (246')	270 - 160	13,915 /-	40,825 /-	
406	OHRS-80	5.0	6	2.0"	72 (236') - 96 (295')	205 - 130	15,663 /-	42,573 /-	
407	OHRS-60	5.0	8	2.0"	96 (315') - 128 (394')	150 - 110	18,239 /-	45,149 /-	
408	OHRS-200	6.5	3	2.5"	36 (118') - 48 (157')	540 - 350	11,328 /-	40,828 /-	
409	OHRS-150	6.5	4	2.5"	48 (157') - 64 (210')	460 - 290	12,768 /-	42,268 /-	
410	OHRS-125	6.5	5	2.5"	60 (197') - 80 (262')	360 - 210	14,573 /-	44,073 /-	4.0 mm²
411	OHRS-100	6.5	6	2.5"	72 (236') - 96 (315')	270 - 160	16,072 /-	45,572 /-	
412	OHRS-80	6.5	8	2.0"	96 (315') - 128 (420')	205 - 130	19,659 /-	49,159 /-	
413	OHRS-60	6.5	10	2.0"	120 (394') - 160 (525')	150 - 110	22,066 /-	51,566 /-	
414	OHRS-200	7.5	4	2.5"	48 (157') - 64 (210')	540 - 350	13,334 /-	45,194 /-	
415	OHRS-150	7.5	5	2.5"	60 (197') - 80 (262')	460 - 290	14,632 /-	46,492 /-	
416	OHRS-125	7.5	6	2.5"	72 (236') - 96 (315')	360 - 210	16,426 /-	48,286 /-	4.0 mm²
417	OHRS-100	7.5	8	2.5"	96 (315') - 128 (420')	270 - 160	19,659 /-	51,519 /-	
418	OHRS-80	7.5	10	2.0"	120 (394') - 160 (525')	205 - 130	23,246 /-	55,106 /-	
419	OHRS-60	7.5	12	2.0"	144 (472') - 192 (630')	150 - 110	25,417 /-	57,277 /-	
420	OHRS-200	10.0	5	2.5"	60 (197') - 80 (262')	540 - 350	15,600 /-	51,840 /-	
421	OHRS-150	10.0	7	2.5"	84 (276') - 112 (367')	460 - 290	18,672 /-	54,912 /-	
422	OHRS-125	10.0	8	2.5"	96 (315') - 128 (420')	360 - 210	20,472 /-	56,712 /-	4.0 mm² DOL
423	OHRS-100	10.0	10	2.5"	120 (394') - 160 (525')	270 - 160	23,640 /-	59,880 /-	
424	OHRS-80	10.0	12	2.0"	144 (472') - 192 (630')	205 - 130	27,288 /-	63,528 /-	
425	OHRS-60	10.0	16	2.0"	192 (630') - 256 (840')	150 - 110	32,664 /-	68,904 /-	
426	OHRS-200	12.5	6	2.5"	72 (236') - 96 (315')	540 - 350	17,640 /-	59,640 /-	
427	OHRS-150	12.5	8	2.5"	96 (315') - 128 (420')	460 - 290	20,568 /-	62,568 /-	
428	OHRS-125	12.5	10	2.5"	120 (394') - 160 (525')	360 - 210	24,240 /-	66,240 /-	4.0 mm² DOL
429	OHRS-100	12.5	12	2.5"	140 (472') - 192 (630')	270 - 160	27,288 /-	69,288 /-	
430	OHRS-80	12.5	15	2.0"	180 (590') - 240 (787')	205 - 130	32,760 /-	74,760 /-	
431	OHRS-60	12.5	20	2.0"	240 (787') - 320 (1050')	150 - 110	39,480 /-	81,480 /-	
432	OHRS-200	15.0	8	2.5"	96 (315') - 128 (420')	540 - 350	22,625 /-	70,000 /-	
433	OHRS-150	15.0	10	2.5"	120 (394') - 160 (525')	460 - 290	25,375 /-	72,750 /-	
434	OHRS-125	15.0	12	2.5"	144 (472') - 192 (630')	360 - 210	29,175 /-	76,550 /-	4.0 mm² DOL
435	OHRS-100	15.0	15	2.5"	180 (590') - 240 (787')	270 - 160	34,125 /-	81,500 /-	
436	OHRS-80	15.0	18	2.0"	216 (708') - 288 (945')	205 - 130	39,825 /-	87,200 /-	
437	OHRS-60	15.0	24	2.0"	288 (945') - 384 (1260')	150 - 110	48,225 /-	95,600 /-	

70 FEET

Average Voltage Range Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

V-6 Premium Motor 142mm ∅ Three Phase Borewell Pumpset

SS-304 Bowl with SS-304 Impellers, Sand & Mud Proof Pumpset
Suitable For 6" and Above Dia. Borewell, 415 Volt. In 3 Phase - 50 Hz.

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	PUMP ₹	SET ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
438	OHRS-200	17.5	9	2.5″	108 (354′) - 144 (472′)	540 - 350	24,750 /-	74,750 /-	4.0 mm² S/D
439	OHRS-150	17.5	12	2.5″	144 (472′) - 192 (630′)	460 - 290	29,325 /-	79,325 /-	
440	OHRS-125	17.5	14	2.5″	168 (551′) - 224 (735′)	360 - 210	33,100 /-	83,100 /-	
441	OHRS-100	17.5	18	2.5″	216 (708′) - 288 (945′)	270 - 160	39,825 /-	89,825 /-	
442	OHRS-80	17.5	22	2.0″	264 (866′) - 352 (1155′)	205 - 130	47,425 /-	97,425 /-	
443	OHRS-60	17.5	28	2.0″	336 (1102′) - 448 (1469′)	150 - 110	55,325 /-	1,05,325 /-	
444	OHRS-200	20.0	10	2.5″	120 (394′) - 160 (525′)	540 - 350	26,875 /-	81,375 /-	4.0 mm² S/D
445	OHRS-150	20.0	13	2.5″	156 (512′) - 208 (682′)	460 - 290	31,300 /-	85,800 /-	
446	OHRS-125	20.0	16	2.5″	192 (630′) - 256 (840′)	360 - 210	37,025 /-	91,525 /-	
447	OHRS-100	20.0	20	2.5″	240 (787′) - 320 (1050′)	270 - 160	43,625 /-	98,125 /-	
448	OHRS-80	20.0	25	2.0″	300 (984′) - 400 (1312′)	205 - 130	53,125 /-	1,07,625 /-	
449	OHRS-60	20.0	30	2.0″	360 (1181′) - 480 (1574′)	150 - 110	58,875 /-	1,13,375 /-	
450	OHRS-200	22.5	11	2.5″	132 (433′) - 176 (577′)	540 - 350	30,160 /-	89,180 /-	6.0 mm² S/D
451	OHRS-150	22.5	15	2.5″	180 (590′) - 240 (787′)	460 - 290	36,660 /-	95,680 /-	
452	OHRS-125	22.5	18	2.5″	216 (708′) - 288 (945′)	360 - 210	42,588 /-	1,01,608 /-	
453	OHRS-100	22.5	22	2.5″	264 (866′) - 352 (1155′)	270 - 160	49,322 /-	1,08,342 /-	
454	OHRS-80	22.5	28	2.0″	336 (1102′) - 448 (1469′)	205 - 130	61,178 /-	1,20,198 /-	
455	OHRS-200	25.0	13	2.5″	144 (472′) - 192 (630′)	540 - 350	37,240 /-	1,04,160 /-	6.0 mm² S/D
456	OHRS-150	25.0	16	2.5″	192 (630′) - 256 (840′)	460 - 290	41,692 /-	1,08,612 /-	
457	OHRS-125	25.0	20	2.5″	240 (787′) - 320 (1050′)	360 - 210	50,260 /-	1,17,180 /-	
458	OHRS-100	25.0	25	2.5″	300 (984′) - 400 (1312′)	270 - 160	59,500 /-	1,26,420 /-	
459	OHRS-80	25.0	30	2.0″	360 (1181′) - 480 (1574′)	205 - 130	65,940 /-	1,32,860 /-	
460	OHRS-200	27.5	14	2.5″	168 (551′) - 224 (735′)	540 - 350	39,620 /-	1,10,180 /-	8.0 mm² DOL
461	OHRS-150	27.5	18	2.5″	216 (708′) - 288 (945′)	460 - 290	46,116 /-	1,16,676 /-	
462	OHRS-125	27.5	22	2.5″	264 (866′) - 352 (1155′)	360 - 210	54,656 /-	1,25,216 /-	
463	OHRS-100	27.5	28	2.5″	336 (1102′) - 448 (1469′)	270 - 160	65,884 /-	1,36,444 /-	
464	OHRS-200	30.0	15	2.5″	180 (590′) - 240 (787′)	540 - 350	43,500 /-	1,20,060 /-	8.0 mm² DOL
465	OHRS-150	30.0	20	2.5″	240 (787′) - 320 (1050′)	460 - 290	52,345 /-	1,28,905 /-	
466	OHRS-125	30.0	24	2.5″	288 (945′) - 384 (1260′)	360 - 210	61,161 /-	1,37,721 /-	
467	OHRS-100	30.0	30	2.5″	360 (1181′) - 480 (1574′)	270 - 160	72,645 /-	1,49,205 /-	

70 FEET

Price For V-6 OHRS Three Phase Motor Only							
HP	**3.00**	**5.00**	**6.50**	**7.50**	**10.0**	**12.50**	**15.00**
PRICE	23,230 /-	26,910 /-	29,500 /-	31,860 /-	36,240 /-	42,000 /-	47,375 /-
HP	**17.50**	**20.00**	**22.50**	**25.00**	**27.50**	**30.00**	
PRICE	50,000 /-	54,500 /-	59,020 /-	66,920 /-	70,560 /-	76,560 /-	

Average Voltage Range Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

V-7 MODEL Domestic Pumpset

OM SERIES HORIZONTAL OPENWELL SUBMERSIBLE PUMPS SINGLE & THREE PHASE

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	OPENWELL S.S.BODY ALU.ROTOR ₹	OPENWELL S.S.BODY COPPER ROTOR ₹	OPENWELL C.I.BODY ALU.ROTOR ₹	OPENWELL C.I.BODY COPPER ROTOR ₹	3 CORE COPPER FLAT CABLE FOR SP & TP PUMPSET
468	OM-0514	0.50	1	32X25	10 (32′) - 16 (52′)	160 - 90	5,700 /-	6,612 /-	8,000 /-	-----	1.5 mm² SP & TP
469	OM-1022	1.00	1	32X32	16 (52′) - 26 (85′)	215 - 110	7,656 /-	8,656 /-	10,800 /-	-----	
470	OM-1024	1.00	1	32X32	18 (59′) - 28 (92′)	235 - 135	10,350 /-	11,500 /-	-----	-----	2.5 mm² SP 1.5 mm² TP
471	OM-1526	1.50	1	40X50	18 (59′) - 28 (92′)	265 - 160	11,872 /-	13,216 /-	-----	-----	
472	OM-2020	2.00	1	50X50	14 (46′) - 26 (85′)	515 - 175	12,996 /-	14,592 /-	15,208 /-	16,890 /-	4.0 mm² SP 2.5 mm² TP
473	OM-3022	3.00	1	65X65	16 (52′) - 26 (85′)	580 - 245	14,260 /-	16,100 /-	16,780 /-	18,878 /-	
474	OM-3028	3.00	1	65X50	22 (72′) - 32 (105′)	440 - 330	-----	17,244 /-	-----	-----	
475	OM-5024	5.00	1	65X65	18 (59′) - 28 (92′)	800 - 420	15,776 /-	18,096/-	18,520 /-	20,898 /-	6.0 mm² SP 4.0 mm² TP
476	OM-5042	5.00	1	65X50	36 (118′) - 46(150′)	450 - 340	-----	20,416 /-	-----	-----	

V-9 MODEL Agriculture Pumpset

OH SERIES HORIZONTAL OPENWELL SUBMERSIBLE PUMPS SINGLE & THREE PHASE

Sr. No.	MODEL (BOWL)	H.P.	STAGE	OUTLET IN INCH	OPERATING HEAD RANGE [UNIFORM OUTPUT] HEAD IN MTR. & FEET MIN. - MAX	DISCHARGE IN HEAD RANGE LPM TO LPM	THREE PHASE S.S.BODY OPENWELL ₹	THREE PHASE C.I.BODY OPENWELL ₹	3 CORE COPPER FLAT CABLE FOR S.P. & T.P. PUMPSET
477	OH-318	3.0	1	80X80	14 (46′) - 22 (72′)	950 - 270	20,523 /-	-----	
478	OH-320	3.0	1	65X65	16 (52′) - 24 (78′)	795 - 290	21,173 /-	26,528/-	
479	OH-324	3.0	1	65X50	18 (59′) - 28 (92′)	675 - 460	21,723 /-	-----	2.5 mm² SP 1.5 mm² TP
480	OH-520	5.0	1	80X80	16 (52′) - 24 (78′)	1030 - 250	23,160 /-	-----	
481	OH-524	5.0	1	65X65	18 (59′) - 28 (92′)	920 - 310	23,810 /-	29,042 /-	4.0 mm² SP 2.5 mm² TP
482	OH-526	5.0	1	65X50	20 (65′) - 32 (105′)	750 - 450	24,360 /-	-----	
483	OH-624	6.5	1	80X80	18 (59′) - 28 (92′)	1050 - 630	24,813 /-	-----	4.0 mm² TP
484	OH-628	6.5	1	65X65	22 (72′) - 32 (105′)	1065 - 545	25,611 /-	32,428 /-	
485	OH-630	6.5	1	65X50	24 (78′) - 34 (111′)	820 - 490	26,161 /-	-----	
486	OH-726	7.5	1	80X80	20 (65′) - 32 (105′)	1420 - 695	27,694 /-	-----	6.0 mm² TP
487	OH-734	7.5	1	65X65	28 (92′) - 38 (124′)	1085 - 560	28,499 /-	35,618 /-	
488	OH-738	7.5	1	65X50	32 (105′) - 42 (138′)	800 - 490	29,049 /-	36,164 /-	
489	OH-1036	10.0	1	80X65	30 (98′) - 42 (138′)	1345 - 900	36,600 /-	42,284 /-	
490	OH-1048	10.0	1	80X80	40 (131′) - 54 (177′)	760 - 550	37.900 /-	43,780 /-	

Average Voltage Range Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

V-9 CI Body Verticle Openwell Motor 190mm ∅ Three Phase Borewell Pumpset

CI-FG 200 Body with CI-FG 200 Impellers, Pumpset

Suitable For 10" and Above Dia. Borewell, 415 Volt. In 3 Phase - 50 Hz.

V9 VERTICLE			OUTLET DIA 75mm (3.0")											
Sr. No.	HP	STAGE	DISCHARGE IN LPM											
			LPM →	320	430	475	530	575	660	760	810	860	910	970	PUMP SET
Single Stage			TOTAL HEAD PER METER											
491	7.5	2		405	38	37	35	33	31	27	25	23	20	18	44,288 /-
492	10.0	3		59	55	53	50	48	45	40	37	36	34	28	55,380 /-

V9 VERTICLE			OUTLET DIA 75mm (3.0")											
Sr. No.	HP	STAGE	DISCHARGE IN LPM											
			LPM →	270	380	425	475	520	565	640	700	740	785	810	PUMP SET
Single Stage			TOTAL HEAD PER METER											
493	5.0	2		40	38	37	35	33	31	27	25	23	20	18	36,250 /-
494	7.5	3		59	55	53	50	48	45	40	37	36	34	28	48,128 /-
495	10.0	4		82	78	75	72	68	35	56	52	48	45	38	59,280 /-

V9 VERTICLE			OUTLET DIA 65mm (2.50")											
Sr. No.	HP	STAGE	DISCHARGE IN LPM											
			LPM →	245	280	325	340	370	410	470	500	535	560	610	PUMP SET
Single Stage			TOTAL HEAD PER METER											
496	5.0	3		55	54	52	51	49	47	42	37	36	34	28	39,998 /-
497	7.5	4		74	72	70	68	65	62	56	50	48	45	38	51,968 /-
498	10.0	5		92	90	86	85	81	77	70	62	60	56	48	63,180 /-

V9 VERTICLE			OUTLET DIA 65mm (2.50")											
Sr. No.	HP	STAGE	DISCHARGE IN LPM											
			LPM →	220	250	295	310	340	380	440	470	500	530	570	PUMP SET
Single Stage			TOTAL HEAD PER METER											
499	7.5	5		92	90	86	85	81	77	70	62	80	56	48	55,808 /-
500	10.0	6		110	108	103	102	97	92	84	74	72	66	58	67,080 /-

MONOBLOCK	
HP	STAGE
0.5	7700/-
1.0	11000/-
1.5	13200/-
2.0	17600/-

Average Voltage Range Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

DELUX

H.P / K.W. : 0.50 / 0.37 | A.M.P : 1.00
RPM : 2800 | SUCTION :
BODY : Aluminium | DELIVERY :
SUCTION : 7 Mtr. | SIZE (MM) : 25 X 25

Rs. 4,698 /-

Discharge in L.P.M

0	5	10	15	20	25	30	35	40	45
2520	2220	1740	1380	960	-	-	-	-	-

DELUX

H.P / K.W. : 1.0 / 0.75 | A.M.P : 2.10
RPM : 2800 | SUCTION :
BODY : Alu. Heavy | DELIVERY :
SUCTION : 7 Mtr. | SIZE (MM) : 25 X 25

Rs. 6,854 /-

Discharge in L.P.M

0	5	10	15	20	25	30	35	40	45
3780	3540	3000	2580	1980	1260	-	-	-	-

ORC-10-0101

H.P / K.W. : 1.00 / 0.75 | A.M.P : 3.10
RPM : 2800 | SUCTION :
BODY : Aluminium | DELIVERY :
SUCTION : 7 Mtr. | SIZE (MM) : 25 X 25

Rs. 8,412 /-

Discharge in L.P.M

0	5	10	15	20	25	30	35	40	45
2940	2640	2160	1860	1500	1200	840	540	-	-

ORC-10-0502

H.P / K.W. : 0.50 / 0.37 | A.M.P : 1.95
RPM : 2800 | SUCTION :
BODY : Aluminium | DELIVERY :
SUCTION : 7 Mtr. | SIZE (MM) : 15 X 15

Rs. 6,204 /-

Discharge in L.P.M

0	5	10	15	20	25	30	35	40	45
2220	2160	1800	1200	650	-	-	-	-	-

ORC-10-0102

H.P / K.W. : 1.0 / 0.75 | A.M.P : 3.10
RPM : 2800 | SUCTION :
BODY : Aluminium | DELIVERY :
SUCTION : 8 Mtr. | SIZE (MM) : 25 X 25

Rs. 8,438 /-

Discharge in L.P.M

0	5	10	15	20	25	30	35	40	45
3780	3600	3180	2700	2160	1500	900	-	-	-

ORC-10-0103

H.P / K.W. : 1.0 / 0.75
RPM : 2800
BODY : Alu. Heavy
SUCTION : 8 Mtr.

A.M.P : 3.60
SUCTION :
DELIVERY :
SIZE (MM) : 25 X 25

Rs. 11,240 /-

Discharge in L.P.M

0	5	10	15	20	25	30	35	40	45
3900	3780	3480	3180	2880	2520	2280	1740	900	-

ORC-10-0502

H.P / K.W. : 0.50 / 0.37
RPM : 2800
BODY : Cast Iron
SUCTION : 8 Mtr.

A.M.P : 1.95
SUCTION :
DELIVERY :
SIZE (MM) : 15 X 15

Rs. 6,296 /-

Discharge in L.P.M

0	5	10	15	20	25	30	35	40	45
2280	2220	1920	1620	1320	780	-	-	-	-

ORC-10-0102

H.P / K.W. : 1.0 / 0.75
RPM : 2800
BODY : Cast Iron
SUCTION : 8 Mtr.

A.M.P : 3.10
SUCTION :
DELIVERY :
SIZE (MM) : 25 X 25

Rs. 8,866 /-

Discharge in L.P.M

0	5	10	15	20	25	30	35	40	45
3780	3600	3180	2700	2160	1500	900	-	-	-

SHALLOW WELL

H.P / K.W. : 1.0 / 0.75
RPM : 2800
BODY : Aluminium
SUCTION : 8 Mtr.

A.M.P : 3.30
SUCTION :
DELIVERY :
SIZE (MM) : 25 X 25

Rs. 12,460 /-

Discharge in L.P.M

0	5	10	15	20	25	30	35	40	45
4200	4140	4080	4020	3840	2940	1860	1020	-	-

OH-2			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 3.0 METER	
Sr. No.	HP	STAGE	DISCHARGE IN LPM					
			LPM →	45	40	35	**30**	20	9
Single Stage			TOTAL HEAD PER METER	1.5	2	2.5	**3**	3.5	4
1	0.5	10		15	20	25	**30**	35	40
2	0.75	15		23	30	38	**45**	53	60
3	1.0	20		30	40	50	**60**	70	80
4	1.5	25		38	50	63	**75**	88	100

HEAD RANGE

OH-4			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 3.0 METER	
Sr. No.	HP	STAGE	DISCHARGE IN LPM					
			LPM →	62	52	48	**38**	32	20
Single Stage			TOTAL HEAD PER METER	1.5	2	2.5	**3**	3.5	4
5	0.5	8		12	16	20	**24**	28	32
6	0.75	12		18	24	30	**36**	42	48
7	1.0	15		23	30	38	**45**	53	60
8	1.5	20		30	40	50	**60**	70	80

HEAD RANGE

OH-5			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 3.0 METER	
Sr. No.	HP	STAGE	DISCHARGE IN LPM					
			LPM →	76	66	56	**46**	36	26
Single Stage			TOTAL HEAD PER METER	1.5	2	2.5	**3**	3.5	4
9	0.5	6		9	12	15	**18**	21	24
10	0.75	10		15	20	25	**30**	35	40
11	1.0	12		18	24	30	**36**	42	48
12	1.5	15		23	30	38	**45**	53	60

HEAD RANGE

OH-7			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 3.0 METER	
Sr. No.	HP	STAGE	DISCHARGE IN LPM					
			LPM →	85	80	75	**60**	50	40
Single Stage			TOTAL HEAD PER METER	1.5	2	2.5	**3**	3.5	4
13	0.75	6		9	12	15	**18**	21	24
14	1.0	10		15	20	25	**30**	35	40
15	1.5	12		18	24	30	**36**	42	48

HEAD RANGE

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ODS-0			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 4.0 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	55	48	44	38	32	25	15
Single Stage			TOTAL HEAD PER METER	2	2.5	3	3.5	**4**	4.5	5
16	0.5	10		20	25	30	35	**40**	45	50
17	0.75	15		30	38	45	53	**60**	68	75
18	1.0	18		36	45	54	63	**72**	81	90
19	1.0	20		40	50	60	70	**80**	90	100
20	1.5	25		50	63	75	88	**100**	113	125
21	2.0	30		60	75	90	105	**120**	135	150
				HEAD RANGE						

ODS-1			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 4.0 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	65	55	48	44	38	28	19
Single Stage			TOTAL HEAD PER METER	2	2.5	3	3.5	**4**	4.5	5
22	0.5	8		16	20	24	28	**32**	36	40
23	0.75	12		24	30	36	42	**48**	54	60
24	1.0	15		30	38	45	53	**60**	68	75
25	1.5	22		44	55	66	77	**88**	99	110
26	2.0	28		56	70	84	98	**112**	126	140
				HEAD RANGE						

ODS-2			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 4.0 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	75	68	62	58	54	38	30
Single Stage			TOTAL HEAD PER METER	2	2.5	3	3.5	**4**	4.5	5
27	0.5	7		14	18	21	25	**28**	32	35
28	0.75	10		20	25	30	35	**40**	45	50
29	1.0	12		24	30	36	42	**48**	54	60
30	1.5	20		40	50	60	70	**80**	90	100
31	2.0	25		50	63	75	88	**100**	113	125
				HEAD RANGE						

ODS-4			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 4.0 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	110	85	80	75	62	54	38
Single Stage			TOTAL HEAD PER METER	2	2.5	3	3.5	**4**	4.5	5
32	1.0	10		20	25	30	35	**40**	45	50
33	1.5	12		24	30	36	42	**48**	54	60
34	1.5	15		30	38	45	53	**60**	68	75
35	2.0	20		40	50	60	70	**80**	90	100
				HEAD RANGE						

ODS-5			OUTLET DIA 40mm (1.50")				DUTY POINT HEAD PER STAGE 4.0 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	170	140	125	115	105	90	75
Single Stage			TOTAL HEAD PER METER	2	2.5	3	3.5	**4**	4.5	5
36	1.0	8		16	20	24	28	**32**	36	40
37	1.5	10		20	25	30	35	**40**	45	50
38	2.0	12		24	30	36	42	**48**	54	60
39	2.0	15		30	38	45	53	**60**	68	75
				HEAD RANGE						

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ODS-7			OUTLET DIA 40mm (1.50")				DUTY POINT HEAD PER STAGE 4.0 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	205	190	185	168	145	138	130
Single Stage			TOTAL HEAD PER METER	2	2.5	3	3.5	**4**	4.5	5
40	1.0	7		14	18	21	25	**28**	32	35
41	1.5	8		16	20	24	28	**32**	36	40
42	2.0	10		20	25	30	35	**40**	45	50
				HEAD RANGE						

ODS-10			OUTLET DIA 50mm (2.00")				DUTY POINT HEAD PER STAGE 4.0 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	220	200	190	180	160	150	140
Single Stage			TOTAL HEAD PER METER	2	2.5	3	3.5	**4**	4.5	5
43	1.5	6		12	15	18	21	**24**	27	30
44	2.0	8		16	20	24	28	**32**	36	40
				HEAD RANGE						

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

OTP-0			OUTLET DIA 32mm (1.25")			DUTY POINT HEAD PER STAGE 4.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	45	40	35	30	32	20	15
Single Stage			TOTAL HEAD PER METER	2.5	3	3.5	4	4.5	5	5.5
45	3.0	40		100	120	140	160	180	200	220
46	5.0	45		113	135	158	180	203	225	248
47	6.5	50		125	150	175	200	225	250	275
				HEAD RANGE						

OTP-1			OUTLET DIA 32mm (1.25")			DUTY POINT HEAD PER STAGE 4.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	55	48	39	32	35	30	25
Single Stage			TOTAL HEAD PER METER	2.5	3	3.5	4	4.5	5	5.5
48	3.0	35		88	105	123	140	158	175	193
49	5.0	40		100	120	140	160	180	200	220
50	6.0	45		113	135	158	180	203	225	248
51	7.0	60		150	180	210	240	270	300	330
				HEAD RANGE						

OTP-2			OUTLET DIA 32mm (1.25")			DUTY POINT HEAD PER STAGE 4.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	74	65	60	55	52	37	30
Single Stage			TOTAL HEAD PER METER	2.5	3	3.5	4	4.5	5	5.5
52	3.0	30		75	90	105	120	135	150	165
53	5.0	35		88	105	123	140	158	175	193
54	6.0	40		100	120	140	160	180	200	220
55	7.0	50		125	150	175	200	225	250	275
				HEAD RANGE						

OTP-4			OUTLET DIA 32mm (1.25")			DUTY POINT HEAD PER STAGE 4.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	120	85	80	75	64	54	38
Single Stage			TOTAL HEAD PER METER	2.5	3	3.5	4	4.5	5	5.5
56	3.0	25		63	75	88	100	113	125	138
57	5.0	30		75	90	105	120	135	150	165
58	6.5	35		88	105	123	140	158	175	192
59	7.5	40		100	120	140	160	180	200	220
60	7.5	45		113	135	158	180	203	225	248
				HEAD RANGE						

OTP-5			OUTLET DIA 40mm (1.50")			DUTY POINT HEAD PER STAGE 4.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	170	140	125	115	105	90	75
Single Stage			TOTAL HEAD PER METER	2.5	3	3.5	4	4.5	5	5.5
61	3.0	20		50	60	70	80	90	100	110
62	5.0	25		63	75	88	100	113	125	138
63	6.5	30		75	90	105	120	135	150	165
64	7.5	35		88	105	123	140	158	175	193
				HEAD RANGE						

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

OTP-7			OUTLET DIA 40mm (1.50")			DUTY POINT HEAD PER STAGE 4.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	205	190	185	165	140	135	130
Single Stage			TOTAL HEAD PER METER	2.5	3	3.5	**4**	4.5	5	5.5
65	3.0	15		38	45	53	**60**	68	75	83
66	5.0	20		50	60	70	**80**	90	100	110
67	6.5	25		63	75	88	**100**	113	125	138
68	7.5	30		75	90	105	**120**	135	150	165

HEAD RANGE

OTP-10			OUTLET DIA 50mm (2.00")			DUTY POINT HEAD PER STAGE 4.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	220	200	190	180	160	150	140
Single Stage			TOTAL HEAD PER METER	2.5	3	3.5	**4**	4.5	5	5.5
69	3.0	12		30	36	42	**48**	54	60	66
70	5.0	15		38	45	53	**60**	68	75	83
71	6.5	20		50	60	70	**80**	90	100	110
72	7.5	25		63	75	88	**100**	113	125	138

HEAD RANGE

OTP-12			OUTLET DIA 50mm (2.00")			DUTY POINT HEAD PER STAGE 4.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	235	220	205	195	170	160	150
Single Stage			TOTAL HEAD PER METER	2.5	3	3.5	**4**	4.5	5	5.5
73	3.0	10		25	30	35	**40**	45	50	55
74	5.0	12		30	36	42	**48**	54	60	66
75	6.5	18		45	54	63	**72**	81	90	99
76	7.5	20		50	60	70	**80**	90	100	110

HEAD RANGE

OTP-18			OUTLET DIA 50mm (2.00")			DUTY POINT HEAD PER STAGE 3.5 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	310	290	270	240	210	180	160
Single Stage			TOTAL HEAD PER METER	2.0	2.5	3.0	**3.5**	4.0	4.5	5.0
77	3.0	8		16	20	24	**28**	32	36	40
78	5.0	10		20	25	30	**35**	40	45	50
79	6.5	12		24	30	36	**42**	48	54	60
80	7.5	14		28	35	42	**49**	56	63	70

HEAD RANGE

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

OPR-0			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 5.5 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	40	35	30	25	20	15	10
Single Stage			TOTAL HEAD PER METER	3	3.5	4.5	5	**5.5**	6.5	7
81	0.5	8		24	28	36	40	**44**	52	56
82	0.75	10		30	35	45	50	**55**	65	70
83	1.0	18		54	63	81	90	**99**	117	126
84	1.5	24		72	84	108	120	**132**	156	168
85	2.0	28		84	98	126	140	**154**	182	196
86	3.0	30		90	105	135	150	**165**	195	210
87	3.0	35		105	123	158	175	**193**	228	245
88	5.0	40		120	140	180	200	**220**	260	280
89	6.5	45		135	158	203	225	**248**	293	315

HEAD RANGE

OPR-1			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 5.5 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	45	40	35	29	24	20	15
Single Stage			TOTAL HEAD PER METER	3	3.5	4.5	5	**5.5**	6.5	7
90	0.5	7		21	25	32	35	**39**	46	49
91	0.75	8		24	28	36	40	**44**	52	56
92	1.0	15		45	53	68	75	**83**	98	105
93	1.0	16		48	56	72	80	**88**	104	112
94	1.5	20		60	70	90	100	**110**	130	140
95	2.0	25		75	88	113	125	**138**	163	175
96	3.0	28		84	98	126	140	**154**	182	196
97	3.0	30		90	105	135	150	**165**	195	210
98	5.0	35		105	123	158	175	**193**	228	245
99	6.5	40		120	140	180	200	**220**	260	280
100	7.5	50		150	175	225	250	**275**	325	350

HEAD RANGE

OPR-2			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 5.5 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	74	65	60	54	50	35	25
Single Stage			TOTAL HEAD PER METER	3	3.5	4.5	5	**5.5**	6.5	7
101	1.0	10		30	35	45	50	**55**	65	70
102	1.5	15		45	53	68	75	**83**	98	105
103	2.0	20		60	70	90	100	**110**	130	140
104	3.0	25		75	88	113	125	**138**	163	175
105	5.0	30		90	105	135	150	**165**	195	210
106	6.5	35		105	123	158	175	**193**	228	245
107	7.5	45		135	158	203	225	**248**	293	315

HEAD RANGE

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

OPR-4			OUTLET DIA 32mm (1.25")				DUTY POINT HEAD PER STAGE 5.5 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	105	90	85	80	70	55	40
Single Stage			TOTAL HEAD PER METER	3	3.5	4.5	5	**5.5**	6.5	7
108	1.0	8		24	28	36	40	**44**	52	56
109	1.5	10		30	35	45	50	**55**	65	70
110	1.5	12		36	42	54	60	**66**	78	84
111	2.0	15		45	53	68	75	**83**	98	105
112	3.0	18		54	63	81	90	**99**	117	126
113	3.0	20		60	70	90	100	**110**	130	140
114	5.0	25		75	88	113	125	**138**	163	175
115	6.5	30		90	105	135	150	**165**	195	210
116	7.5	35		105	123	158	175	**193**	228	245
117	7.5	40		120	140	180	200	**220**	260	280

HEAD RANGE

OPR-5			OUTLET DIA 40mm (1.50")				DUTY POINT HEAD PER STAGE 5.5 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	130	120	100	95	80	65	50
Single Stage			TOTAL HEAD PER METER	3	3.5	4.5	5	**5.5**	6.5	7
118	1.0	6		18	21	27	30	**33**	39	42
119	1.5	8		24	28	36	40	**44**	52	56
120	2.0	10		30	35	45	50	**55**	65	70
121	2.0	12		36	42	54	60	**66**	78	84
122	3.0	15		45	53	68	75	**83**	98	105
123	5.0	20		60	70	90	100	**110**	130	140
124	6.5	25		75	88	113	125	**138**	163	175
125	7.5	30		90	105	135	150	**165**	195	210

HEAD RANGE

OPR-7			OUTLET DIA 50mm (2.0")				DUTY POINT HEAD PER STAGE 5.5 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	170	155	150	133	110	100	95
Single Stage			TOTAL HEAD PER METER	3	3.5	4.5	5	**5.5**	6.5	7
126	2.0	8		24	28	36	40	**44**	52	56
127	3.0	10		30	35	45	50	**55**	65	70
128	5.0	15		45	53	68	75	**83**	98	105
129	6.5	20		60	70	90	100	**110**	130	140
130	7.5	25		75	88	113	125	**138**	163	175

HEAD RANGE

OPR-18			OUTLET DIA 50mm (2.0")				DUTY POINT HEAD PER STAGE 5.5 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	360	310	295	290	330	240	200
Single Stage			TOTAL HEAD PER METER	1.5	2	2.5	3	**3.8**	4.5	5
131	2.0	6		9	12	15	18	**23**	27	30
132	3.0	8		12	16	20	24	**30**	36	40
133	5.0	10		15	20	25	30	**38**	45	50
134	6.5	12		18	24	30	36	**46**	54	60
135	7.5	14		21	28	35	42	**53**	63	70

HEAD RANGE

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

KORA-4			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 7.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	120	90	60	44	35	30	25
Single Stage			TOTAL HEAD PER METER	2.5	4.5	6.3	7	7.5	8	8.2
136	3.0	16		40	72	101	112	120	128	131
137	5.0	27		68	122	170	189	203	216	221
138	6.5	32		80	144	202	224	240	256	262
139	7.5	40		100	180	252	280	300	320	328
			HEAD RANGE							

KORA-5			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 7.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	130	110	90	70	60	50	30
Single Stage			TOTAL HEAD PER METER	2.5	4.5	6.3	7	7.5	8	8.2
140	3.0	14		35	63	88	98	105	112	115
141	5.0	22		55	99	139	154	165	176	180
142	6.5	27		68	122	170	189	203	216	221
143	7.5	32		80	144	202	224	240	256	262
144	10.0	40		100	180	252	280	300	320	328
			HEAD RANGE							

KORA-7			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 7.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	170	150	120	80	65	50	30
Single Stage			TOTAL HEAD PER METER	2.5	4.5	6.3	7	7.4	7.8	8
145	3.0	10		25	45	63	70	74	78	80
146	5.0	18		45	81	113	126	133	140	144
147	6.5	22		55	99	139	154	163	172	176
148	7.5	26		65	117	164	182	192	203	208
149	10.0	30		75	135	189	210	222	234	240
			HEAD RANGE							

KORA-10			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 7.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	240	180	150	130	100	70	40
Single Stage			TOTAL HEAD PER METER	2.5	4.5	6.3	7	7.4	7.8	8
150	3.0	8		20	36	50	56	59	62	64
151	5.0	12		30	54	76	84	89	94	96
152	6.5	16		40	72	101	112	118	125	128
153	7.5	20		50	90	126	140	148	156	160
154	10.0	25		63	113	158	175	185	195	200
			HEAD RANGE							

V5-262 HP1.0			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 7.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	580	525	460	370	290	170	0
Single Stage			TOTAL HEAD PER METER	4	5	6	7	8	9	10
155	3.0	3		12	15	18	21	24	27	30
156	5.0	5		20	25	30	35	40	45	50
157	6.5	6		24	30	36	42	48	54	60
158	7.5	8		32	40	48	56	64	72	80
159	10.0	10		40	50	60	70	80	90	100
			HEAD RANGE							

V5-261 HP0.75			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 7.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	640	540	410	310	240	210	0
Single Stage			TOTAL HEAD PER METER	4	5	6	7	8	9	10
160	3.0	4		16	20	24	28	32	36	40
161	5.0	6		24	30	36	42	48	54	60
162	6.5	8		32	40	48	56	64	72	80
163	7.5	10		40	50	60	70	80	90	100
164	10.0	12		48	60	72	84	96	108	120
			HEAD RANGE							

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

ORS-30			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 8.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	170	160	140	120	90	70	25
Single Stage			TOTAL HEAD PER METER	5	6	7	8	9	10	11
165	3.0	10		50	60	70	80	90	100	110
166	5.0	16		80	96	112	128	144	160	176
167	6.5	20		100	120	140	160	180	200	220
168	7.5	24		120	144	168	192	216	240	264
169	10.0	32		160	192	224	256	288	320	352
				HEAD RANGE						

ORS-40			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 8.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	215	200	180	155	130	95	50
Single Stage			TOTAL HEAD PER METER	5	6	7	8	9	10	11
170	3.0	7		35	42	49	56	63	70	77
171	5.0	12		60	72	84	96	108	120	132
172	6.5	15		75	90	105	120	135	150	165
173	7.5	18		90	108	126	144	162	180	198
174	10.0	24		120	144	168	192	216	240	264
				HEAD RANGE						

ORS-50			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 8.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	240	230	200	190	160	130	80
Single Stage			TOTAL HEAD PER METER	5	6	7	8	9	10	11
175	3.0	6		30	36	42	48	54	60	66
176	5.0	10		50	60	70	80	90	100	110
177	6.5	12		60	72	84	96	108	120	132
178	7.5	15		75	90	105	120	135	150	165
179	10.0	20		100	120	140	160	180	200	220
				HEAD RANGE						

ORS-60			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 8.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	260	250	230	215	185	155	110
Single Stage			TOTAL HEAD PER METER	5	6	7	8	9	10	11
180	3.0	5		25	30	35	40	45	50	55
181	5.0	8		40	48	56	64	72	80	88
182	6.5	10		50	60	70	80	90	100	110
183	7.5	12		60	72	84	96	108	120	132
184	10.0	16		80	96	112	128	144	160	176
				HEAD RANGE						

ORS-80			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 8.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	330	300	280	250	225	180	140
Single Stage			TOTAL HEAD PER METER	5	6	7	8	9	10	11
185	3.0	4		20	24	28	32	36	40	44
186	5.0	6		30	36	42	48	54	60	66
187	6.5	8		40	48	56	64	72	80	88
188	7.5	10		50	60	70	80	90	100	110
189	10.0	12		60	72	84	96	108	120	132
				HEAD RANGE						

ORS-100			OUTLET DIA 50mm (2.0")			DUTY POINT HEAD PER STAGE 8.0 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	355	325	300	280	240	200	160
Single Stage			TOTAL HEAD PER METER	5	6	7	8	9	10	11
190	3.0	3		15	18	21	24	27	30	33
191	5.0	5		25	30	35	40	45	50	55
192	6.5	6		30	36	42	48	54	60	66
193	7.5	8		40	48	56	64	72	80	88
194	10.0	10		50	60	70	80	90	100	110
				HEAD RANGE						

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

MODEL V6 OM-100			OUTLET DIA 65mm (2.5")			DUTY POINT HEAD PER STAGE 7.5 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	600	575	540	460	420	360	270
Single Stage			TOTAL HEAD PER METER	4	5	6	**7.5**	8	8.5	9
195	3.0	3		12	15	18	**23**	24	26	27
196	5.0	5		20	25	30	**38**	40	43	45
197	6.5	6		24	30	36	**45**	48	51	54
198	7.5	8		32	40	48	**60**	64	68	72
199	10.0	10		40	50	60	**75**	80	85	90
200	12.5	12		48	60	72	**90**	96	102	108
201	15.0	15		60	75	90	**113**	120	128	135

HEAD RANGE

MODEL V6 OM-125			OUTLET DIA 65mm (2.5")			DUTY POINT HEAD PER STAGE 7.5 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	740	680	620	515	465	410	340
Single Stage			TOTAL HEAD PER METER	4	5	6	**7.5**	8	8.5	9
202	5.0	4		16	20	24	**30**	32	34	36
203	6.5	5		20	25	30	**38**	40	43	45
204	7.5	6		24	30	36	**45**	48	51	54
205	10.0	8		32	40	48	**60**	64	68	72
206	12.5	10		40	50	60	**75**	80	85	90
207	15.0	12		48	60	72	**90**	96	102	108
208	17.5	14		56	70	84	**105**	112	119	126
209	20.0	16		64	80	96	**120**	128	136	144

HEAD RANGE

MODEL V6 OM-150			OUTLET DIA 65mm (3.0")			DUTY POINT HEAD PER STAGE 7.5 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	855	805	760	660	560	505	455
Single Stage			TOTAL HEAD PER METER	4	5	6	**7.5**	8	8.5	9
210	3.0	2		8	10	12	**15**	16	17	18
211	5.0	3		12	15	18	**23**	24	26	27
212	6.5	4		16	20	24	**30**	32	34	36
213	7.5	5		20	25	30	**38**	40	43	45
214	10.0	7		28	35	42	**53**	56	60	63
215	12.5	8		32	40	48	**60**	64	68	72
216	15.0	10		40	50	60	**75**	80	85	90
217	17.5	12		48	60	72	**90**	96	102	108
218	20.0	13		52	65	78	**98**	104	111	117
219	22.5	15		60	75	90	**113**	120	128	135

HEAD RANGE

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

MODEL V6 OM-200			OUTLET DIA 75mm (3.0")			DUTY POINT HEAD PER STAGE 7.5 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	1100	1045	980	845	790	730	660
Single Stage			TOTAL HEAD PER METER	4	5	6	**7.5**	8	8.5	9
220	6.5	3		12	15	18	**23**	24	26	27
221	7.5	4		16	20	24	**30**	32	34	36
222	10.0	5		20	25	30	**38**	40	43	45
223	12.5	6		24	30	36	**45**	48	51	54
224	15.0	7		28	35	42	**53**	56	60	63
225	17.5	9		36	45	54	**68**	72	77	81
226	20.0	10		40	50	60	**75**	80	85	90
227	22.5	11		44	55	66	**83**	88	94	99
228	25.0	12		48	60	72	**90**	96	102	108
229	27.5	13		52	65	78	**98**	104	111	117
230	30.0	15		60	75	90	**113**	120	128	135

HEAD RANGE

MODEL V6 OM-250			OUTLET DIA 75mm (3.0")			DUTY POINT HEAD PER STAGE 7.5 METER			
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	1260	1180	1100	975	925	865	800
Single Stage			TOTAL HEAD PER METER	4	5	6	**7.5**	8	8.5	9
231	5.0	2		8	10	12	**15**	16	17	18
232	7.5	3		12	15	18	**23**	24	26	27
233	10.0	4		16	20	24	**30**	32	34	36
234	12.5	5		20	25	30	**38**	40	43	45
235	15.0	6		24	30	36	**45**	48	51	54
236	17.5	7		28	35	42	**53**	56	60	63
237	20.0	8		32	40	48	**60**	64	68	72
238	22.5	9		36	45	54	**68**	72	77	81
239	25.0	10		40	50	60	**75**	80	85	90
240	27.5	11		44	55	66	**83**	88	94	99
241	30.0	12		48	60	72	**90**	96	102	108

HEAD RANGE

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

MODEL V6 ORS-50			OUTLET DIA 50 mm (2.0")				DUTY POINT HEAD PER STAGE 11 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
		LPM →	195	165	145	118	98	75	50
Single Stage			4	8	10	**11**	12	13	14
242	3.0	6	24	48	60	**66**	72	78	84
243	5.0	10	40	80	100	**110**	120	130	140
244	6.5	12	48	96	120	**132**	144	156	168
245	7.5	15	60	120	150	**165**	180	195	210
246	10.0	20	80	160	200	**220**	240	260	280
247	12.5	25	100	200	250	**275**	300	325	350
248	15.0	30	120	240	300	**330**	360	390	420

TOTAL HEAD PER METER

HEAD RANGE

MODEL V6 ORS-60			OUTLET DIA 50 mm (2.0")				DUTY POINT HEAD PER STAGE 12 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
		LPM →	240	200	180	155	135	110	80
Single Stage			4	8	10	**12**	13	14	15
249	3.0	5	20	40	50	**60**	65	70	75
250	5.0	8	32	64	80	**96**	104	112	120
251	6.5	10	40	80	100	**120**	130	140	150
252	7.5	12	48	96	120	**144**	156	168	180
253	10.0	16	64	128	160	**192**	208	224	240
254	12.5	20	80	160	200	**240**	260	280	300
255	15.0	24	96	192	240	**288**	312	336	360
256	17.5	28	112	224	280	**336**	364	392	420
257	20.0	30	120	240	300	**360**	390	420	450

TOTAL HEAD PER METER

HEAD RANGE

MODEL V6 ORS-80			OUTLET DIA 50 mm (2.0")				DUTY POINT HEAD PER STAGE 12 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
		LPM →	310	260	235	200	180	150	120
Single Stage			4	8	10	**12**	13	14	15
258	3.0	4	16	32	40	**48**	52	56	60
259	5.0	6	24	48	60	**72**	78	84	90
260	6.5	8	32	64	80	**96**	104	112	120
261	7.5	10	40	80	100	**120**	130	140	150
262	10.0	12	48	96	120	**144**	156	168	180
263	12.5	15	60	120	150	**180**	195	210	225
264	15.0	18	72	144	180	**216**	234	252	270
265	17.5	22	88	176	220	**264**	286	308	330
266	20.0	25	100	200	250	**300**	325	350	375
267	22.5	28	112	224	280	**336**	364	392	420

TOTAL HEAD PER METER

HEAD RANGE

MODEL V6 ORS-100			OUTLET DIA 65 mm (2.50")				DUTY POINT HEAD PER STAGE 12 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
		LPM →	390	335	300	255	225	190	150
Single Stage			4	8	10	**12**	13	14	15
268	3.0	3	12	24	30	**36**	39	42	45
269	5.0	5	20	40	50	**60**	65	70	75
270	6.5	6	24	48	60	**72**	78	84	90
271	7.5	8	32	64	80	**96**	104	112	120
272	10.0	10	40	80	100	**120**	130	140	150
273	12.5	12	48	96	120	**144**	156	168	180
274	15.0	15	60	120	150	**180**	195	210	225
275	17.5	18	72	144	180	**216**	234	252	270
276	20.0	20	80	160	200	**240**	260	280	300
277	22.5	22	88	176	220	**264**	286	308	330
278	25.0	25	100	200	250	**300**	325	350	375
279	27.5	28	112	224	280	**336**	364	392	420
280	30.0	30	120	240	300	**360**	390	420	450

TOTAL HEAD PER METER

HEAD RANGE

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

MODEL V6 ORS-125			OUTLET DIA 65 mm (2.50")				DUTY POINT HEAD PER STAGE 12 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
		LPM →	480	430	390	350	330	300	250
Single Stage			TOTAL HEAD PER METER	4	8	10	**12**	13	14	15
281	5.0	4		16	32	40	**48**	52	56	60
282	6.5	5		20	40	50	**60**	65	70	75
283	7.5	6		24	48	60	**72**	78	84	90
284	10.0	8		32	64	80	**96**	104	112	120
285	12.5	10		40	80	100	**120**	130	140	150
286	15.0	12		48	96	120	**144**	156	168	180
287	17.5	14		56	112	140	**168**	182	196	210
288	20.0	16		64	128	160	**192**	208	224	240
289	22.5	18		72	144	180	**216**	234	252	270
290	25.0	20		80	160	200	**240**	260	280	300
291	27.5	22		88	176	220	**264**	286	308	330
292	30.0	24		96	192	240	**288**	312	336	360

HEAD RANGE

MODEL V6 ORS-150			OUTLET DIA 65 mm (2.50")				DUTY POINT HEAD PER STAGE 12 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
		LPM →	645	550	480	400	360	320	280
Single Stage			TOTAL HEAD PER METER	4	8	10	**12**	13	14	15
293	3.0	2		8	16	20	**24**	26	28	30
294	5.0	3		12	24	30	**36**	39	42	45
295	6.5	4		16	32	40	**48**	52	56	60
296	7.5	5		20	40	50	**60**	65	70	75
297	10.0	7		28	56	70	**84**	91	98	105
298	12.5	8		32	64	80	**96**	104	112	120
299	15.0	10		40	80	100	**120**	130	140	150
300	17.5	12		48	96	120	**144**	156	168	180
301	20.0	13		52	104	130	**156**	169	182	195
302	22.5	15		60	120	150	**180**	195	210	225
303	25.5	17		68	136	170	**204**	221	238	255
304	27.5	18		72	144	180	**216**	234	252	270
305	30.0	20		80	160	200	**240**	260	280	300

HEAD RANGE

MODEL V6 ORS-200			OUTLET DIA 65 mm (2.50")				DUTY POINT HEAD PER STAGE 12 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
		LPM →	745	630	565	490	450	410	370
Single Stage			TOTAL HEAD PER METER	4	8	10	**12**	13	14	15
306	6.5	3		12	24	30	**36**	39	42	45
307	7.5	4		16	32	40	**48**	52	56	60
308	10.0	5		20	40	50	**60**	65	70	75
309	12.5	6		24	48	60	**72**	78	84	90
310	15.0	8		32	64	80	**96**	104	112	120
311	17.5	9		36	72	90	**108**	117	126	135
312	20.0	10		40	80	100	**120**	130	140	150
313	22.5	11		44	88	110	**132**	143	154	165
314	25.0	12		48	96	120	**144**	156	168	180
315	27.5	14		56	112	140	**168**	182	196	210
316	30.0	15		60	120	150	**180**	195	210	225

HEAD RANGE

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

MODEL V6 OHR-60			OUTLET DIA 50 mm (2.0")				DUTY POINT HEAD PER STAGE 14 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	180	170	150	140	130	120	110
Single Stage			TOTAL HEAD PER METER	8	10	12	13	**14**	15	16
317	5.0	8		64	80	96	104	**112**	120	128
318	6.5	10		80	100	120	130	**140**	150	160
319	7.5	12		96	120	144	156	**168**	180	192
320	10.0	16		128	160	192	208	**224**	240	256
321	12.5	20		160	200	240	260	**280**	300	320
322	15.0	24		192	240	288	312	**336**	360	384
323	17.5	28		224	280	336	364	**392**	420	448
324	20.0	30		240	300	360	390	**420**	450	480

HEAD RANGE

MODEL V6 OHR-80			OUTLET DIA 50 mm (2.0")				DUTY POINT HEAD PER STAGE 14 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	250	230	205	190	180	150	130
Single Stage			TOTAL HEAD PER METER	8	10	12	13	**14**	15	16
325	3.0	4		32	40	48	52	**56**	60	64
326	5.0	6		48	60	72	78	**84**	90	96
327	6.5	8		64	80	96	104	**112**	120	128
328	7.5	10		80	100	120	130	**140**	150	160
329	10.0	12		96	120	144	156	**168**	180	192
330	12.5	15		120	150	180	195	**210**	225	240
331	15.0	18		144	180	216	234	**252**	270	288
332	17.5	22		176	220	264	286	**308**	330	352
333	20.0	25		200	250	300	325	**350**	375	400
334	22.5	28		224	280	336	364	**392**	420	448

HEAD RANGE

MODEL V6 OHR-100			OUTLET DIA 65 mm (2.50")				DUTY POINT HEAD PER STAGE 14 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	330	300	270	240	210	190	160
Single Stage			TOTAL HEAD PER METER	8	10	12	13	**14**	15	16
335	3.0	3		24	30	36	39	**42**	45	48
336	5.0	5		40	50	60	65	**70**	75	80
337	6.5	6		48	60	72	78	**84**	90	96
338	7.5	8		64	80	96	104	**112**	120	128
339	10.0	10		80	100	120	130	**140**	150	160
340	12.5	12		96	120	144	156	**168**	180	192
341	15.0	15		120	150	180	195	**210**	225	240
342	17.5	18		144	180	216	234	**252**	270	288
343	20.0	20		160	200	240	260	**280**	300	320
344	22.5	22		176	220	264	286	**308**	330	352
345	25.0	25		200	250	300	325	**350**	375	400
346	27.5	28		224	280	336	364	**392**	420	448
347	30.0	30		240	300	360	390	**420**	450	480

HEAD RANGE

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

MODEL V6 OHR-125			OUTLET DIA 65 mm (2.50")				DUTY POINT HEAD PER STAGE 14 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	450	400	360	330	290	240	210
Single Stage			TOTAL HEAD PER METER	8	10	12	13	**14**	15	16
348	5.0	4		32	40	48	52	**56**	60	64
349	6.5	5		40	50	60	65	**70**	75	80
350	7.5	6		48	60	72	78	**84**	90	96
351	10.0	8		64	80	96	104	**112**	120	128
352	12.5	10		80	100	120	130	**140**	150	160
353	15.0	12		96	120	144	156	**168**	180	192
354	17.5	14		112	140	168	182	**196**	210	224
355	20.0	16		128	160	192	208	**224**	240	256
356	22.5	18		144	180	216	234	**252**	270	288
357	25.0	20		160	200	240	260	**280**	300	320
358	27.5	22		176	220	264	286	**308**	330	352
359	30.0	24		192	240	288	312	**336**	360	384

HEAD RANGE

MODEL V6 OHR-150			OUTLET DIA 65 mm (2.50")				DUTY POINT HEAD PER STAGE 14 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	540	520	460	420	380	330	290
Single Stage			TOTAL HEAD PER METER	8	10	12	13	**14**	15	16
360	3.0	2		16	20	24	26	**28**	30	32
361	5.0	3		24	30	36	39	**42**	45	48
362	6.5	4		32	40	48	52	**56**	60	64
363	7.5	5		40	50	60	65	**70**	75	80
364	10.0	7		56	70	84	91	**98**	105	112
365	12.5	8		64	80	96	104	**112**	120	128
366	15.0	10		80	100	120	130	**140**	150	160
367	17.5	12		96	120	144	156	**168**	180	192
368	20.0	13		104	130	156	169	**182**	195	208
369	22.5	15		120	150	180	195	**210**	225	240
370	25.5	16		128	160	192	208	**224**	240	256
371	27.5	18		144	180	216	234	**252**	270	288
372	30.0	20		160	200	240	260	**280**	300	320

HEAD RANGE

MODEL V6 OHR-200			OUTLET DIA 65 mm (2.50")				DUTY POINT HEAD PER STAGE 14 METER		
Sr. No.	HP	STAGE	DISCHARGE IN LPM						
			LPM →	680	620	540	460	420	380	350
Single Stage			TOTAL HEAD PER METER	8	10	12	13	**14**	15	16
373	5.0	2		16	20	24	26	**28**	30	32
374	6.5	3		24	30	36	39	**42**	45	48
375	7.5	4		32	40	48	52	**56**	60	64
376	10.0	5		40	50	60	65	**70**	75	80
377	12.5	7		48	60	72	78	**84**	90	96
378	15.0	8		64	80	96	104	**112**	120	128
379	17.5	9		72	90	108	117	**126**	135	144
380	20.0	10		80	100	120	130	**140**	150	160
381	22.5	11		88	110	132	143	**154**	165	176
382	25.5	12		96	120	144	156	**168**	180	192
383	27.5	14		112	140	168	182	**196**	210	224
384	30.0	15		120	150	180	195	**210**	225	240

HEAD RANGE

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset Result Output Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

OM V-7 SERIES (HORIZONTAL OPENWELL)

V-7 MODEL SS Motor Body With C.I.& Nylon Impellers Pumpset

OM SERIES HORIZONTAL OPENWELL SUBMERSIBLE PUMPS SINGLE & THREE PHASE

Sr. No.	MODEL V-7	HP	Suc.X Del.	PHASE		TOTAL HEAD IN METER																					
						6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
385	OM-0514	0.50	25X25	SP	DISCHARGE IN LPM		180	160	140	115	90	35															
386	OM-1022	1.00	32X25	SP&TP					250	230	215	195	175	150	135	110	60										
387	OM-1024	1.00	32X25	SP&TP							250	235	215	200	180	160	135	95									
388	OM-1524	1.50	40X50	SP&TP							280	265	250	235	210	190	160	125	90								
389	OM-2020	2.00	50X50	SP&TP				560	540	515	470	450	375	325	255	175	80	35									
390	OM-3022	3.00	65X65	SP&TP					710	650	580	550	485	405	335	245	85	40									
391	OM-3028	3.00	65X50	SP&TP									450	440	430	415	395	370	330	270	160						
392	OM-5024	5.00	65X65	SP&TP				1000	955	910	855	800	755	680	600	520	420	255	80								
393	OM-5042	5.00	65X50	SP&TP													480	470	465	460	450	440	425	405	380	340	280	170

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

OH V-9 SERIES (HORIZONTAL OPENWELL)

V-9 MODEL SS Motor Body With C.I.& Nylon Impellers Pumpset

OH SERIES HORIZONTAL OPENWELL SUBMERSIBLE PUMPS SINGLE & THREE PHASE

Sr. No.	MODEL V-9	HP	Suc.X Del.	PHASE		TOTAL HEAD IN METER																								
					HEAD →	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58
394	OH-318	3.0	80X80	SP&TP	DISCHARGE IN LPM	1155	1040	950	820	680	470	270																		
395	OH-320	3.0	65X65	SP&TP			950	855	795	710	620	505	290	150																
396	OH-324	3.0	65X50	SP&TP				780	700	675	645	620	550	520	460	420	340	260	190											
397	OH-520	5.0	80X80	SP&TP		1260	1230	1110	1030	950	785	570	250																	
398	OH-524	5.0	65X65	SP&TP				1050	1010	920	840	750	670	550	310	280														
399	OH-526	5.0	65X50	SP&TP			900	860	820	780	750	710	675	630	580	525	450	380	290											
400	OH-624	6.5	80X80	TP			1360	1240	1180	1050	980	910	830	740	630	490														
401	OH-628	6.5	65X65	TP				1280	1250	1210	1140	1065	975	885	780	685	545	280	150											
402	OH-630	6.5	65X50	TP				1005	960	930	900	860	820	780	700	630	560	490	390	200										
403	OH-726	7.5	80X80	TP			1625	1590	1515	1480	1420	1350	1255	1155	1040	905	695	310												
404	OH-734	7.5	65X65	TP							1550	1500	1440	1200	1085	995	900	780	675	560	285									
405	OH-738	7.5	65X50	TP							1100	1080	1050	1020	900	860	800	780	710	640	565	490	400	370	240					
406	OH-1036	10	80X80	TP			1680	1635	1600	1565	1515	1465	1425	1400	1375	1345	1305	1200	1165	1125	1095	900	770	600						
407	OH-1048	10	65X65	TP				930	885	880	875	865	855	845	835	824	820	805	798	788	760	725	700	650	600	580	550	500	400	240

Average Voltage Range Single Phase: Min.160 Volt. Max. 240 Volt. And Three Phase: Min.260 Volt Max. 440 Volt AC. 50 Hz.

NOTE: Pumpset **Result Output** Reduced due to Depend on Pipe Loss, Voltage, Frequency and !Wrong Cable Selection.

Manufacture & Exporter:

ORCAL® Pumps

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Horizontal Openwell Submersible Pumpset

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