



KU4

4" BOREWELL SUBMERSIBLE PUMPS

FEATURES

High Efficiency And Energy Saving Design

Innovative design manufactured at state of art plant, delivers optimum efficiency at lower energy consumption resulting in significant cost savings.

Material of Construction

All the parts are Non Corrosive by nature.

Dynamically Balanced Rotating Parts

Minimum vibrations protect components from damages during the operations, consistent performance as concentricity is maintained.

Design to Prevent Overloading

Lesser chances of motor burning as motor did not get overloaded even if the pump is operated at a head lower than recommended and saving substantial cost from maintenance and breakdown.

Lightweight and Compact Design

Constructed with special grade engineering materials, compact designs for ease of handling and installation.

Flatter Efficiency Curve

Minimum variations in efficiency during entire operating range increases the utility of pumpset for variable conditions.

Suitable For Horizontal Applications

Motor with ball bearings are suitable for horizontal installation for water transfer at high heads in residential complex.

TECHNICAL SPECIFICATION

Head Range	: Upto 251 meters
Discharge Range	: Upto 350 LPM
Power Ratings	: 0.37 to 4.0 kW (0.5 to 5.5 HP)
Voltage Range	: 150 to 240 Volts (Single Phase) 280 to 440 Volts (Three Phase)
Type of Cooling	: Oil Cooled
Insulation	: F Class
Protection	: IP 68

MATERIAL OF CONSTRUCTION

Pump Housing	: Stainless Steel
Pump Shaft	: Stainless Steel
Motor Housing	: Stainless Steel
Motor Shaft	: Stainless Steel
Motor Bearing	: Ball Bearing
Pump Bushes	: Gun Metal
Impeller	: Noryl
Diffuser	: Noryl
NRV	: Stainless Steel
Suction	: Stainless Steel

APPLICATIONS

- Domestic and community water supply.
- Water supplies for high rise building.
- Gardening and small farm irrigation.
- Construction site.
- Ground Water supply to water works.



PERFORMANCE CHART FOR 100 MM (4") BOREWELL SUBMERSIBLE PUMPSETS - KU4 - 02 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE / 415 VOLTS - THREE PHASE 50 Hz FREQUENCY, AC SUPPLY																
S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)		LPM m ³ /h	0	5	10	15	20	25	30	35
		kW	HP			1PH	3PH									
1	KU4-0214	0.37	0.50	14	32	4.1	1.4	Head in Meters	74	69	64	57	50	41	31	20
2	KU4-0221	0.55	0.75	21	32	5.0	1.9		107	104	96	86	75	62	47	30
3	KU4-0224	0.75	1.00	24	32	6.7	2.5		122	118	110	98	86	70	53	34
4	KU4-0228	0.75	1.00	28	32	6.7	2.5		144	138	128	114	100	82	62	40
5	KU4-0234	1.10	1.50	34	32	9.5	2.9		176	168	155	138	121	100	75	49
6	KU4-0240	1.10	1.50	40	32	9.5	2.9		206	197	183	163	143	117	89	57

PERFORMANCE CHART FOR 100 MM (4") BOREWELL SUBMERSIBLE PUMPSETS - KU4 - 03 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE / 415 VOLTS - THREE PHASE 50 Hz FREQUENCY, AC SUPPLY																
S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)		LPM m ³ /h	0	10	20	25	30	35	40	50
		kW	HP			1PH	3PH									
1	KU4-0307	0.37	0.50	07	32	4.1	1.4	Head in Meters	45	44	39	36	32	28	22	10
2	KU4-0310	0.55	0.75	10	32	5.0	1.9		64	63	56	51	46	39	31	14
3	KU4-0311	0.75	1.00	11	32	6.7	2.5		70	69	61	56	50	43	35	16
4	KU4-0314	0.75	1.00	14	32	6.7	2.5		89	88	78	71	64	55	44	20
5	KU4-0318	1.10	1.50	18	32	9.5	2.9		115	113	100	91	82	71	57	26
6	KU4-0321	1.10	1.50	21	32	9.5	2.9		134	132	117	107	96	83	66	30
7	KU4-0328	1.50	2.00	28	32	12.5	4.9		179	176	156	142	128	110	88	40
8	KU4-0334	2.20	3.00	34	32	16.0	6.0		217	214	189	172	155	134	107	49
9	KU4-0340	2.20	3.00	40	32	16.0	6.0		255	251	223	203	183	157	126	57



PERFORMANCE CHART FOR 100 MM (4") BOREWELL SUBMERSIBLE PUMPSETS - KU4 -07 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE / 415 VOLTS - THREE PHASE 50 Hz FREQUENCY, AC SUPPLY																
S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)		LPM	0	40	50	60	70	80	90	100
		kW	HP			1PH	3PH									
1	KU4-0704	0.37	0.50	04	32	4.1	1.4	Head in Meters	28	24	23	21	18	14	11	5
2	KU4-0706	0.55	0.75	06	32	5.0	1.9		41	36	35	31	26	21	17	8
3	KU4-0707	0.55	0.75	07	32	5.0	1.9		48	42	40	36	31	25	20	9
4	KU4-0707	0.75	1.00	07	32	6.7	2.5		51	45	43	39	34	28	20	10
5	KU4-0708	0.75	1.00	08	32	6.7	2.5		54	48	46	41	35	28	23	11
6	KU4-0709	0.75	1.00	09	32	6.7	2.5		61	55	52	46	39	32	26	12
7	KU4-0711	1.10	1.50	11	32	9.5	2.9		75	67	63	56	48	39	31	14
8	KU4-0713	1.10	1.50	13	32	9.5	2.9		87	79	75	67	57	46	37	16
9	KU4-0715	1.50	2.00	15	32	12.5	4.9		100	91	86	77	66	53	43	19
10	KU4-0718	1.50	2.00	18	32	12.5	4.9		123	109	104	92	79	63	51	23
11	KU4-0722	1.87	2.50	22	32	14.25	NA		150	133	127	113	96	77	63	28
12	KU4-0727	2.20	3.00	27	32	16.0	6.0		181	164	155	138	118	95	77	34
13	KU4-0736	3.00	4.00	36	32	NA	8.5		241	218	207	185	158	126	103	45

PERFORMANCE CHART FOR 100 MM (4") BOREWELL SUBMERSIBLE PUMPSETS - KU4 -08 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE / 415 VOLTS - THREE PHASE 50 Hz FREQUENCY, AC SUPPLY																
S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)		LPM	0	20	40	60	80	100	120	140
		kW	HP			1PH	3PH									
1	KU4-0807	0.75	1.00	07	32	6.7	2.5	Head in Meters	41	40	38	36	34	32	27	20
2	KU4-0810	1.10	1.50	10	32	9.5	2.9		59	57	56	51	49	46	39	29
3	KU4-0814	1.50	2.00	14	32	12.5	4.9		82	80	79	72	68	64	54	40
4	KU4-0821	2.20	3.00	21	32	16.0	6.0		123	120	119	108	102	96	81	60
5	KU4-0828	3.00	4.00	28	32	NA	8.5		164	160	158	144	136	128	108	80
6	KU4-0838	4.10	5.50	38	32	NA	10.5		223	217	214	195	185	174	147	109

PERFORMANCE CHART FOR 100 MM (4") BOREWELL SUBMERSIBLE PUMPSETS - KU4 - 15 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE / 415 VOLTS - THREE PHASE 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)		LPM m ³ /h	0	105	120	135	150	165	180	195
		kW	HP			1PH	3PH									
		0	6.3			7.2	8.1									
1	KU4-1504	0.55	0.75	04	50	5.0	1.4	Head in Meters	27	25	24	22	20	16	12	8
2	KU4-1505	0.75	1.00	05	50	6.7	2.5		33	31	30	28	24	20	15	10
3	KU4-1507	1.10	1.50	07	50	9.5	2.9		46	44	42	39	34	28	21	14
4	KU4-1509	1.50	2.00	09	50	12.5	4.5		58	56	54	50	44	36	27	18
5	KU4-1512	2.20	3.00	12	50	16.0	6.0		77	75	72	66	59	48	36	24
6	KU4-1514	2.20	3.00	14	50	16.0	6.0		90	88	84	77	68	56	42	28
7	KU4-1519	3.00	4.00	19	50	NA	8.5		122	119	114	105	93	76	57	38
8	KU4-1524	4.10	5.50	24	50	NA	10.5		155	150	144	132	117	96	72	48
9	KU4-1526	4.10	5.50	26	50	NA	10.5		166	163	156	143	127	104	78	52

PERFORMANCE CHART FOR 100 MM (4") BOREWELL SUBMERSIBLE PUMPSETS - KU4 -25 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE / 415 VOLTS - THREE PHASE 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)		LPM m ³ /h	0	100	150	200	250	275	300	350
		kW	HP			1PH	3PH									
		0	6			9	12									
1	KU4-2504	1.10	1.50	04	50	9.5	2.9	Head in Meters	22	21	18	15	12	10	8	5
2	KU4-2506	1.50	2.00	06	50	12.5	4.9		33	31	27	23	17	15	12	8
3	KU4-2507	1.87	2.50	07	50	14.25	5.0		39	36	32	26	20	18	14	9
4	KU4-2509	2.20	3.00	09	50	16.0	6.0		50	46	41	34	26	23	18	11
5	KU4-2512	3.00	4.00	12	50	NA	8.5		66	62	54	45	35	30	24	15
6	KU4-2516	4.10	5.50	16	50	NA	10.5		88	82	72	60	46	40	32	20