



Enriching Lives

# SUBMERSIBLE

## PRODUCT RANGE

BOREWELL SUBMERSIBLE  
3" & 4" OIL FILLED PUMPSETS



# KP3S

## 3" 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.

#### Wide Voltage Design

The motor is designed to withstand wide voltage fluctuations from 160 to 240 volts and reduces motor burning in low voltage.

#### 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.

#### Splined Shaft

Splined shaft made by cold extrusion technology with high surface strength provides better life and good axiality.

#### 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 87 meters
Discharge Range	: Upto 96 LPM/ 5.8 m <sup>3</sup> / h
Power Ratings	: 0.37 to 1.1 kW (0.5 to 1.5 HP)
Voltage Range	: 160 to 240 Volts (Single 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
Pump Bushes	: Gun Metal
Impeller	: Noryl
Diffuser	: Noryl
NRV	: Cast Iron
Suction	: Cast Iron
Bearing type	: Ball bearing

### 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 75 MM (3") BOREWELL SUBMERSIBLE PUMPSETS - KP3S - 06 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE, 50 Hz FREQUENCY, AC SUPPLY															
S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Amp.)	LPM	0	20	30	50	60	70	90	96
		kW	HP				m <sup>3</sup> /h	0	1.2	1.8	3.0	3.6	4.2	5.4	5.8
1	KP3S-0610	0.37	0.50	10	32	4.4	Head in Meters	28	27	24	19	17	15	7	4
2	KP3S-0612	0.75	1.00	12	32	7.8		34	33	29	23	20	18	9	5
3	KP3S-0615	0.55	0.75	15	32	6.0		43	41	36	29	25	22	11	6
4	KP3S-0615	0.75	1.00	15	32	7.8		43	41	36	29	25	22	11	6
5	KP3S-0620	0.75	1.00	20	32	7.8		57	55	48	38	33	29	15	8
6	KP3S-0626	0.93	1.25	26	32	9.8		74	71	62	50	43	38	19	11
7	KP3S-0632	1.10	1.50	32	32	11.7		91	87	76	62	53	47	23	14



# 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 <sup>3</sup> /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 <sup>3</sup> /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 m <sup>3</sup> /h	0	40	50	60	70	80	90	100
		kW	HP			1PH	3PH		0	2.4	3.0	3.6	4.2	4.8	5.4	6.0
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 m <sup>3</sup> /h	0	20	40	60	80	100	120	140
		kW	HP			1PH	3PH		0	1.2	2.4	3.6	4.8	5.4	6.0	7.2
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 <sup>3</sup> /h	0	105	120	135	150	165	180	195
		kW	HP			1PH	3PH		0	6.3	7.2	8.1	9.0	9.9	10.8	11.7
		Head in Meters														
1	KU4-1504	0.55	0.75	04	50	5.0	1.4	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 <sup>3</sup> /h	0	100	150	200	250	275	300	350
		kW	HP			1PH	3PH		0	6	9	12	15	17	18	21
		Head in Meters														
1	KU4-2504	1.10	1.50	04	50	9.5	2.9	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	





# KP4

## 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.

#### Wide Voltage Design

The motor is designed to withstand wide voltage fluctuations from 280 to 440 volts and reduces motor burning in low voltage.

#### 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 132 meters
Discharge Range	: Upto 350 LPM
Power Ratings	: 0.37 to 2.2 kW (0.5 to 3 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	: Cast Iron
Suction	: Cast Iron

### 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 - KP4 -03 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE - 50 Hz FREQUENCY, AC SUPPLY															
S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Amp.)	LPM	0	10	20	25	30	35	40	50
		kW	HP			1PH	m <sup>3</sup> /h	0	0.6	1.2	1.5	1.8	2.1	2.4	3
1	KP4-0307S	0.37	0.5	7	32	4.1	Head in Meters	45	44	43	42	39	35	31	21
2	KP4-0310S	0.55	0.75	10	32	5.0		64	63	61	60	58	50	46	32
3	KP4-0311S	0.75	1	11	32	6.7		71	69	68	66	64	55	50	36
4	KP4-0314S	0.75	1	14	32	6.7		90	88	86	84	82	70	64	48
5	KP4-0321S	1.1	1.5	21	32	9.5		135	132	129	126	122	105	96	76

PERFORMANCE CHART FOR 100 MM (4") BOREWELL SUBMERSIBLE PUMPSETS - KP4 - 07 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE - 50 Hz FREQUENCY, AC SUPPLY															
S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Amp.)	LPM	0	40	50	60	70	80	90	100
		kW	HP			1PH	m <sup>3</sup> /h	0	1.2	3.0	3.6	4.2	5.0	4.8	6.0
1	KP4-0707S	0.55	0.75	07	32	5.0	Head in Meters	48	42	40	36	31	25	20	9
2	KP4-0708S	0.75	1.00	08	32	6.7		54	48	46	41	35	28	23	10
3	KP4-0709S	0.75	1.00	09	32	6.7		61	55	52	46	39	32	26	11
4	KP4-0713S	1.10	1.50	13	32	9.5		87	79	75	67	57	46	37	16

PERFORMANCE CHART FOR 100 MM (4") BOREWELL SUBMERSIBLE PUMPSETS - KP4 - 15 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE - 50 Hz FREQUENCY, AC SUPPLY															
S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Amp.)	LPM	0	105	120	135	150	165	180	195
		kW	HP			1PH	m <sup>3</sup> /h	0	1.5	3.0	7.5	9.0	10.5	11.1	12.0
1	KP4-1509S	1.50	2.00	09	50	12.5	Head in Meters	52	47	43	37	30	21	19	14

PERFORMANCE CHART FOR 100 MM (4") BOREWELL SUBMERSIBLE PUMPSETS - KP4 - 25 SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE - 50 Hz FREQUENCY, AC SUPPLY															
S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Amp.)	LPM	0	100	150	200	250	275	300	350
		kW	HP			1PH	m <sup>3</sup> /h	0	6	9	12	15	16.5	18	21
1	KP4-2509S	2.2	3	9	50	16	Head in Meters	50	46	41	34	26	23	18	11

PERFORMANCE CHART FOR 100 MM (4") BOREWELL SUBMERSIBLE PUMPSETS - KP4 JALRAAJ SERIES AT RATED VOLTAGE OF 220 VOLTS - SINGLE PHASE - 50 Hz FREQUENCY, AC SUPPLY															
S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Amp.)	LPM	0	40	50	60	70	80	90	100
		kW	HP			1PH	m <sup>3</sup> /h	0.0	1.2	3.0	3.6	4.2	5.0	4.8	6.0
1	KP4 JALRAAJ-1008	0.75	1.00	08	32	6.7	Head in Meters	54	48	46	41	35	28	23	10
2	KP4-JALRAAJ-1009	0.75	1.00	09	32	6.7		61	55	52	46	39	32	26	11
3	KP4-JALRAAJ-0713	1.10	1.50	13	32	9.5		87	79	75	67	57	46	37	16