

**INTRODUCING**



Enriching Lives

# NEO

## SERIES

4" BOREWELL SUBMERSIBLE PUMP (WATER FILLED)

By KIRLOSKAR BROTHERS LIMITED



Advanced Water Cooled Motor Design

Wide voltage range operability  
(180 - 240 Volts, Single Phase)



Sand Fighter Design

Highly-efficient, energy-saving design



Dynamically balanced rotating parts ensuring lesser vibrations

Longer and Trouble Free Life



# Overflow of JOY & HAPPINESS

Assured After Sales Service Facility Through 600+ Authorized Service Centers (ASCs)

ALWAYS BUY PUMPS WITH



Enriching Lives

and



LOGOS ON PACKING

**KIRLOSKAR BROTHERS LIMITED**

Established 1888

A Kirloskar Group Company

# KIRLOSKAR PUMPS

## TECHNICAL SPECIFICATION

Head Range	: Upto 165 metres
Discharge Range	: Upto 105 LPM
Power Ratings	: 0.37 to 1.5 kW (0.5 to 2.0 HP)
Voltage Range	: 180 to 240 Volts (Single Phase)
Type of Cooling	: Water Cooled
Insulation	: B Class
Protection	: IP 68

## MATERIAL OF CONSTRUCTION

Pump Housing	: Stainless Steel
Pump Shaft	: Stainless Steel
Motor Housing	: Stainless Steel
Motor Shaft	: Stainless Steel
Thrust Bearing	: Carbon + Stainless Steel
Motor/Pump Bushes	: Gun Metal
Impeller	: Noryl
Diffuser	: Noryl
NRV	: Cast Iron
Suction	: Cast Iron

## APPLICATIONS

- Domestic and community water supply
- Rural water supply
- Gardening and small farm irrigation
- Construction site
- Water supplies for high rise building

## FEATURES

### Wide Voltage Range Operability

Voltage range is 180 - 240 Volts. Protects motor from burning due to lower/higher voltage

### High Efficiency and Energy-saving Design

Higher output, lesser power consumption

### Dynamically Balanced Rotating Parts

Resulting in lesser vibrations and longer trouble-free operation

### Longer and Trouble Free Life

High grade engineering materials like Graded Cast Iron Components, Stainless Steel Shaft, Noryl Impellers, Bronze Bushes, Heavy duty Carbon + SS Thrust Plate, 99.9 % pure Copper Winding Wires for longer and trouble free life.

### Advanced Water Cooled Motors Designs

The motor is filled with potable water, protects from overheating and facilitates smoother and trouble free operation for the years.

### Sand Fighter Designs

Innovative Sand Fighter Designs restricts the entry of sand in motors, protects the pump and motor bushes to perform well in sandy borewells and increase the pumpset life.

### CED - Cathodic Electro Deposition Coating

Better resistance against corrosion

### Nationwide Service Network

Easy availability of spares and prompt after sales services through nationwide company Authorised Service Centers.

Performance Chart for 100 MM (4") Borewell Submersible Pumpsets - " NEO SERIES " at rated voltage of 220 Volts / Single Phase / Frequency 50 Hz / AC supply															
NEO 25 SERIES															
S. No	Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current 1Ø	LPM M <sup>3</sup> /h	Head in Meters							
		kW	HP					0	6	13	20	25	34	40	47
1	NEO 25 - 0510	0.37	0.50	10	32	5.8	Head in Meters	0	0.4	0.8	1.3	1.5	2.1	2.5	2.9
2	NEO 25 - 1020	0.75	1.00	20	32	8.2		67	65	64	60	48	45	30	14
3	NEO 25 - 1525	1.10	1.50	25	32	11.5		134	130	128	120	97	90	60	27
								168	163	160	150	121	112	75	34
NEO 30 SERIES															
S. No	Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current 1Ø	LPM M <sup>3</sup> /h	Head in Meters							
		kW	HP					0	6	18	24	30	36	42	48
1	NEO 30 -0507	0.37	0.50	7	32	5.8	Head in Meter	0.0	0.4	1.1	1.4	1.8	2.2	2.5	2.9
2	NEO 30 -1014	0.75	1.00	14	32	8.2		49	46	44	42	39	35	30	25
3	NEO 30 -1016	0.75	1.00	16	32	8.2		98	91	88	84	77	70	60	50
4	NEO 30 -1518	1.10	1.50	18	32	11.5		112	104	101	96	88	80	69	58
5	NEO 30 -1520	1.10	1.50	20	32	11.5		126	117	113	108	99	90	77	65
6	NEO 30 -2025	1.50	2.00	25	32	15.0		140	130	126	120	110	100	86	72
								175	163	158	150	138	125	108	90
NEO 35 SERIES															
S. No	Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current 1Ø	LPM M <sup>3</sup> /h	Head in Meter							
		kW	HP					0	12	23	28	35	42	58	64
1	NEO 35 -1012	0.75	1.00	12	32	8.2	Head in Meter	0.0	0.7	1.4	1.7	2.1	2.5	3.5	3.8
2	NEO 35 -1515	1.10	1.50	15	32	11.5		89	83	77	71	61	49	35	15
3	NEO 35 -1516	1.10	1.50	16	32	11.5		111	104	96	89	76	61	44	19
4	NEO 35 -1517	1.10	1.50	17	32	11.5		119	110	103	95	81	65	47	20
5	NEO 35 -2022	1.50	2.00	22	32	15.0		126	117	109	100	87	70	50	22
								163	152	141	130	112	90	65	28
NEO 60 SERIES															
S. No	Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current 1Ø	LPM M <sup>3</sup> /h	Head in Meters							
		kW	HP					0	15	30	45	60	72	90	105
1	NEO 60 - 1008	0.75	1.00	8	38	8.2	Head in Meters	0.0	0.9	1.8	2.7	3.6	4.3	5.4	6.3
2	NEO 60 - 1010	0.75	1.00	10	38	8.2		62	59	56	50	41	32	18	6
3	NEO 60 - 1512	1.10	1.50	12	38	11.5		78	73	70	60	52	40	23	8
4	NEO 60 - 1514	1.10	1.50	14	38	11.5		93	89	84	75	62	48	27	9
5	NEO 60 - 2016	1.50	2.00	16	38	15.0		109	102	98	84	73	56	32	11
6	NEO 60 - 2018	1.50	2.00	18	38	15.0		124	118	112	100	82	64	36	12
								140	133	126	113	92	72	41	14



**KIRLOSKAR BROTHERS LIMITED**

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We are now on WhatsApp to assist you better

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