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DOMESTIC PRODUCT RANGE



Enriching Lives



THE ART OF
**CONTROLLING
AND MANAGING**
the flow of water

KIRLOSKAR BROTHERS LIMITED

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ISO 9001
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BUREAU VERITAS
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KIRLOSKAR BROTHERS LIMITED

DISTRIBUTION SECTOR

A HISTORY OF EXCELLENCE

Established in 1888 by the Late Shri Lakshmanrao Kirloskar, KBL stands as a monolith in the pump industry today. Our wings have spread to every nook and corner of the country - offering the widest range of products in the industry. In fact, KBL has evolved into an Indian multinational pump company with a subsidiary in the UK. Our 6 manufacturing facilities around India, located at Kirloskarwadi, Shirwal and Kondapuri in Maharashtra, Dewas in Madhya Pradesh, Coimbatore in Tamilnadu and Ahmedabad in Gujarat, manufacture pumps ranging from 0.25 to 16,000 HP for a wide array of applications.

We develop customer oriented solutions. So, whether it is heavy industry, small scale industry or a specific project, at KBL you will always find pumps, motors and valves which suit your needs best. Needless to say, all KBL products are meticulously designed and engineered to exacting quality standards, and then tested to the maximum limits and beyond, to ensure that they meet the all-encompassing goal of energy efficiency. Because, 'Energy saved is energy produced' has always been our guiding principle at KBL.

At KBL, it is our constant endeavour to provide customers the best in quality and price. To this end, we leave no stone unturned in our quest to ensure customers are more than just delighted with every KBL product they buy.



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DOMESTIC PRODUCT RANGE



TINY



JALRAAJ PUMPS SERIES



Pearl



POPULAR LV



WONDER III



KIRLOSKAR MINI PUMP



TWINKLE



KIRLOSKAR STAR SELF PRIMING



SUPER Star



CMS SELF PRIMING PUMPS 1440 RPM SERIES



SPLASH



CRYSTAL



MINI 40S



MINI 50S



MEGA 54S Single Phase Monobloc Pumps



THUNDER



WAVE



POPULAR



NEW AQUA SERIES



NEW LIFTER SERIES PUMP



V FLOW



CHHOTU PUMPS



CBR SELF PRIMING PUMPS 1440 RPM SPDP MOTOR



KSW SHALLOW WELL PUMPS



KJ Deep-well Jet Pumps



KOS M Openwell Submersible Pumps



KOS N Openwell Submersible Pumps



CHOS Pump CBE Open Well Pump



KIRLOSKAR KU3 80mm SUBMERSIBLE PUMP Oil Filled



KIRLOSKAR KS3 75mm SUBMERSIBLE PUMP Water-Filled

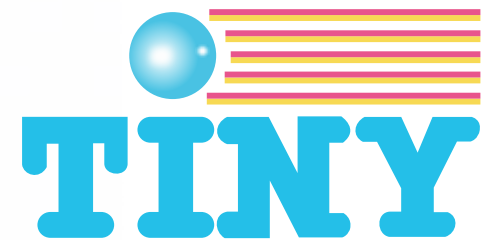


KIRLOSKAR KS4 100mm SUBMERSIBLE PUMP Water Filled



KIRLOSKAR KU4 100mm SUBMERSIBLE PUMP Oil Filled





TINY

Features

- Aluminum extruded motor body for better heat dissipation and corrosion resistance
- Motor can withstand wide voltage fluctuation from 180 - 240 Volts
- Capable of priming up to 3 meters static suction lift without foot valve, at rated head and discharge (IS 8472:1998)
- Fitted with Thermal Overload Protector (TOP) preventing motor burn out at lower voltage
- Totally enclosed fan cooled (TEFC) - no entry of dust moisture
- Capacitor starts and runs motor with IP-44 protection
- 'B' class of insulation
- Capacitor inside terminal box
- Double shielded ball bearing - needs no external lubrication

Applications

- Water supply for domestic use in Bungalows, Hospitals, Garages, Industries, Small Fountains, Solar Heating Systems etc.

Material of Construction

Impeller	: High Tensile Brass
Delivery Casing	: Cast Iron
Mounting Casing	: Cast Iron
Motor Body	: Aluminum.
Shaft	: Carbon Steel (Chrome Plated)

Technical Specifications

Head	: 3 to 15 meters
Capacity	: 1600 to 600 LPH
Power Rating	: 0.18 Kw (0.25 HP)
Voltage Range	: 180 to 240 Volts

PERFORMANCE UNDER STANDARD TEST CONDITIONS											
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES				
	kW	HP	SUC.	DEL.			3	6	9	12	15
TINY	0.18	0.25	19	19	2	230	1600	1300	1100	800	600

JALRAAJ PUMPS SERIES

Features

- It is capable of priming up to 3 meters static suction lift without a foot valve, at rated head & discharge
- Thermal Overload Protector (TOP) for safety of Motor.
- 'B' class of Insulation.
- Motor can withstand with wide voltage fluctuation from 180-240Volts.
- Light weight pump for easy handling
- Capacitor inside terminal box.
- TEFC capacitor starts and run motor

Material of Construction

Impeller	: Brass
Pump shaft	: Carbon steel
Delivery Casing	: Cast Iron
Mounting Casing	: Cast Iron
Motor Body	: Extruded Aluminum
Cover NDE	: Aluminum
Mechanical Seal	: Carbon Ceramic

Application

- Water supply for domestic use in Bungalows, Apartments, Hotels, Farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens.

Technical specification

Head	: 3 - 42 m
Capacity	: 3300 - 250 lph
Power Rating	: 0.37 Kw / 0.5 HP to 0.75 Kw / 1.0 HP
Voltage Range	: 180 to 240 Volts (1Phase)



PERFORMANCE UNDER STANDARD TEST CONDITIONS																			
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES												
	kW	HP	SUC	DEL			6	10	14	18	22	26	30	34	38	42			
JALRAAJ	0.37	0.5	25	25	2.0	220	2120	1820	1550	1260	950	660	360						
JALRAAJ-1	0.75	1.02	25	25	4.0	220	3280	2970	2650	2300	1980	1660	1300	970	612	250			
JALRAAJ-2	0.75	1.02	25	25	4.5	230	3300	2700	2380	2120	1870	1620	1400	1116	854	504			

Note: Performance applicable in cases of liquid of specific gravity 1 and viscosity as of water.

Features

- Can withstand wide voltage fluctuation from 180 to 240 volts
- Self priming up to 3 metres
- Thermal overload protector (TOP) prevents motor burning out
- Stainless steel shaft to avoid rusting problems
- Locked impeller results in consistent performance
- Aluminium extruded motor body for better heat dissipation and corrosion resistance
- TEFC capacitor start and run motor, with IP-44 protection and class 'B' insulation
- Double shielded ball bearing - no need for external lubrication
- Capacitor inside terminal box

Applications

- Water supply for bungalows, apartments, hotels, hospitals, farmhouses etc.
- Useful for home pressure booster systems, lawn sprinklers, overhead tanks and watering gardens

Material of Construction

- Impeller : Forged Brass
- Delivery Casing : Cast Iron
- Motor Body : Aluminium
- Mounting Casing : Cast Iron
- Shaft : Carbon Steel

Technical Specifications

- Head : 6 to 24 metres
- Capacity : 2250 to 400 LPH
- Power Rating : 0.37 kW (0.5 HP)
- Voltage Range : 180 to 240 Volts

Pearl

DOMESTIC PUMP

PERFORMANCE UNDER STANDARD TEST CONDITIONS												
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES					
	kW	HP	SUC.	DEL.			6	10	14	18	22	24
							DISCHARGE IN LITRES PER HOUR					
PEARL	0.37	0.5	25	25	3.4	220	2250	1872	1440	1044	600	400

Note: Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water.



POPULAR LV

Features

- Capable of priming up to 3 meters static suction lift without foot valve, at rated head and discharge
- Thermal Overload Protector (TOP) for safety of motor
- 'B' class of insulation
- Motor can withstand wide voltage fluctuation from 100 - 180 Volts
- Lightweight pump for easy handling
- Capacitor inside terminal box
- TEFC capacitor start and run motor

Material of Construction

- Impeller : Brass
- Pump shaft : Carbon steel
- Delivery Casing : Cast Iron
- Mounting Casing : Cast Iron
- Motor Body : Extruded Aluminum
- Cover NDE : Aluminum
- Mechanical Seal : Carbon Ceramic

Application

- Water supply for domestic use in Bungalows, Apartments, Hotels, Farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens.

Technical specification

- Head : 6 - 28 m
- Capacity : 2700 - 450 lph
- Power Rating : 0.5 HP
- Voltage Range : 100 - 180 V



PERFORMANCE UNDER STANDARD TEST CONDITIONS											
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES				
	kW	HP	SUC	DEL			6	12	18	24	28
							DISCHARGE IN LITRES PER HOUR				
POPULAR LV	0.37	0.5	25	25	2.6	180	2700	1700	864	550	450

WONDER III

Features

- Can withstand wide voltage fluctuation from 180 to 240 volts
- Self priming up to 3 meters
- Aluminum extruded motor body
- Top mounted, big terminal box
- Capacitor inside terminal box
- Fitted with thermal overload protector (TOP) for long life

Applications

- Water supply in bungalows, apartments, hotels, hospitals, farmhouses etc.

Material of Construction

- Impeller : Forged Brass
- Delivery Casing : Cast Iron
- Motor Body : Aluminum

Technical Specifications

- Head : 6 to 28 meters
- Discharge : 1930 to 325 LPH
- Power rating : 0.37 kW / 0.5 HP
- Pipe Size : 25 x 25 Suc. & Del.
- Voltage Range : 180 to 240 Volts



PERFORMANCE UNDER STANDARD TEST CONDITIONS														
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES							
	kW	HP	SUC.	DEL.			6	9	12	15	18	21	24	28
							DISCHARGE IN LITRES PER HOUR							
WONDER III	0.37	0.5	25	25	3.4	210	1930	1705	1480	1260	1048	835	618	325



Material of Construction

- Impeller : Forged Brass
- Delivery Casing : Cast Iron
- Motor Body : Cast Iron
- Fan Cover : Plastic
- Mounting Casing : Cast Iron
- Shaft : Carbon Steel (Chrome Plated)

Applications

- Water supply for bungalows, apartments, hotels, hospitals, farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering gardens

Technical Specifications

- Head : 6 to 28 metres
- Capacity : 3150 to 720 LPH
- Power Rating : 0.37 kW (0.5 HP)
- Voltage Range : 180 to 240 Volts - single phase, and 300 to 440 Volts - three phase

Features

- Can withstand wide voltage fluctuations, from 180 to 240 volts
- Self priming up to 3 metres
- Thermal Overload Protector (TOP) prevents motor burning out
- Stainless steel shaft avoids rusting problems
- Locked impeller results in consistent performance
- High quality aluminium extruded motor body
- TEFC capacitor start and run motor, with IP-44 protection and class 'B' insulation
- Double shielded ball bearing - no need for external lubrication
- Capacitor inside terminal box
- Single phase and three phase options available

PERFORMANCE UNDER STANDARD TEST CONDITIONS																	
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES										
	kW	HP	SUC	DEL			1 ø	3 ø	1 ø	3 ø	6	10	14	18	22	26	28
							DISCHARGE IN LITRES PER HOUR										
MINI - 28S	0.37	0.5	25	25	3.4	1.3	210	415	3150	2745	2295	1845	1440	990	720		

TWINKLE

Features

- Motor can withstand wide voltage fluctuations from 180 to 240 Volts
- Self priming up to 3 meters
- Fitted with thermal overload protector (TOP) to prevent motor burning out in cases of high voltage drops
- Totally Enclosed Fan Cooled (TEFC) motor
- Capacitor start and run motor with IP-44 protection
- Class B insulation
- Capacitor inside terminal box
- Double shielded ball bearing - needs no external lubrication

Material of Construction

Impeller	: Brass HTB2
Delivery Casing	: Cast Iron
Motor Body	: 0.5 HP - Aluminum Die Cast 1.0 HP - Aluminum Extruded Die Cast
Shaft	: Carbon steel



Applications

- Bungalows
- Garages
- Small fountains
- Hospitals
- Industries
- Solar heating systems

Technical Specifications

Head Range	: 6 to 40 m
Discharge range	: 3200 to 750 LPH
Power rating	: 0.37 and 0.75 kW/ 0.5 and 1.0 HP
Voltage range	: 180 to 240 V

PERFORMANCE UNDER STANDARD TEST CONDITIONS										
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES			
	kW	HP	SUC	DEL			6	18	26	30
	DISCHARGE IN LITRES PER HOUR									
Twinkle-1.0	0.75	1.0	25	25	4.5	230	3159	2215	1286	0

Note: Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water.



Features

- Can withstand wide voltage fluctuations from 180 to 255 Volts
- Self priming with lift up to 3 metres
- Thermal Overload Protector (TOP) - prevents motor burning out
- High quality aluminium extruded motor body with chrome plated shaft
- TEFC capacitor start and run motor with IP-44 protection and class 'B' insulation
- Double shielded ball bearings - no need for external lubrication
- Lightweight pump for easy handling
- Easy maintenance and spares availability

Material of Construction (Standard Supply)

Impeller	: Bronze
Delivery Casing	: Cast Iron
Motor Body	: Aluminium
Mounting Casing	: Cast Iron
Shaft	: Carbon Steel (Chrome Plated)

Applications

- Water supply for domestic use in bungalows, apartments, hotels, hospitals, farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering gardens
- Circulation of water in industries

Technical Specifications

Head	: 6 to 28 metres
Capacity	: 2700 to 450 LPH
Power Rating	: 0.37 kW (0.50 HP)
Voltage Range	: 180 to 255 Volts



PERFORMANCE UNDER STANDARD TEST CONDITIONS													
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES						
	kW	HP	SUC	DEL			6	10	14	18	22	24	28
	DISCHARGE IN LITRES PER HOUR												
STAR*	0.37	0.5	25	25	2.6	240	2700	2250	1890	1460	1080	600	450

Note: Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water.
*Star available in Non Self Priming model also.



SUPER *Star*



Features

- Suction lift self priming
- Discharge up to 3150 litres per hour
- Total head of 30 metres
- Thermal Overload Protector (TOP) prevents motor burning out
- Motor with IP-44 protection and class 'B' insulation
- Can withstand wide voltage fluctuation from 180 to 240 Volts
- Lightweight pump for easy handling
- Capacitor inside terminal box
- Motor is Totally Enclosed Fan Cooled (TEFC)



Material of Construction

- Impeller : Brass
- Pump Shaft : Carbon Steel
- Delivery Casing : Cast Iron
- Mounting Casing : Cast Iron
- Motor Body : Aluminium
- Cover NDE : Aluminium
- Mechanical Seal : Carbon Ceramic

Applications

- Water supply for domestic use in bungalows, apartments, hotels, hospitals, farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering gardens

Technical Specifications

- Power Rating : 0.37 kW (0.5 HP)
- Head Range : 6 to 30 metres
- Discharge Range : 3150 to 600 LPH
- Voltage Range : 180 to 240 Volts

PERFORMANCE UNDER STANDARD TEST CONDITIONS												
PUMP MODEL	POWER RATING		PIPE SIZE (mm)	FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES						
	kW	HP				6	10	15	20	25	28	30
						CAPACITY IN LITRES PER HOUR						
SUPERSTAR	0.37	0.5	25x25	3.4	230	3150	2680	2160	1650	1250	880	600

Note: Performance applicable in cases of liquid of specific gravity 1 and viscosity as of water.

CMS

SELF PRIMMING PUMPS

1440 RPM SERIES



Features

- Self-priming up to 3.0 meters at mean seal level.
- Motor can withstand with wide voltage fluctuation from 180- 240Volts
- Unique Motor design- TEFC - capacitor Start & run motor Eliminating centrifugal Switch.
- 'B' class of insulation.
- Fitted with high quality & long life mechanical seal.
- Fitted with Thermal Overload Protector (TOP) for safety of Motor.
- Both Side Shielded ball bearing, no need of external lubrication.
- Sturdy & rigid construction.
- Pump casing made of closed grains cast iron of high tensile strength and has a very smooth surface finish resulting in low friction losses.
- Brass impeller is used to give trouble free servicesz

Material of Construction (Standard Supply)

Impeller : Brass
 Pump shaft : Carbon steel
 Delivery Casing : Cast Iron
 Mounting casing : Cast Iron
 Motor Body : Cast Iron
 Cover NDE : Cast Iron
 Mechanical seal : Carbon ceramic

Applications

- Water supply for domestic use in Bungalows, Apartments, Hotels, Farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens.

Technical Specifications

Head : 10 to 38 meters
 Capacity : 2570 to 500 LPH
 Power Rating : 0.37 Kw/ 0.5 HP to 0.75 Kw/ 1.0 HP
 Voltage Range : 180 to 240 Volts (1 phase)

PERFORMANCE UNDER STANDARD TEST CONDITIONS

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES								
	kW	HP	SUC.	DEL.			6	10	14	18	22	26	30	34	38
							CAPACITY IN LITRES PER HOUR								
CMS525	0.37	0.5	25	25	4.5	240	2236	2052	1782	1449	1026	522			
CMS140	0.75	1.0	25	25	6.5	240	2570	2520	2410	2270	2020	1580	1000	500	

Note: Performance applicable in cases of liquid of specific gravity 1 and viscosity as of water.



SPLASH

PERFORMANCE UNDER STANDARD TEST CONDITIONS												
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES					
	kW	HP	SUC	DEL			6	10	15	20	25	28
							DISCHARGE IN LITRES PER HOUR					
Splash	0.75	1.0	25	25	4.5	230	3000	2680	2160	1650	1250	500

Features

- Capable of priming up to 3 meters static suction lift without foot valve, at rated head and discharge (IS 8472:1998)
- Thermal Overload Protector (TOP) for safety of motor
- 'B' class of insulation
- Motor can withstand wide voltage fluctuation from 180 - 240 Volts
- Lightweight pump for easy handling
- Capacitor inside terminal box.
- TEFC capacitor starts and runs motor

Material of Construction

Impeller : Brass
 Pump shaft : Carbon steel
 Delivery Casing : Cast Iron
 Mounting Casing : Cast Iron
 Motor Body : Extruded Aluminum
 Cover NDE : Aluminum
 Mechanical Seal : Carbon Ceramic

Application

- Water supply for domestic use in Bungalows, Apartments, Hotels, Farm-houses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens

Technical specifications

Head : 6 to 28 meters
 Capacity : 3000 to 500 LPH
 Power Rating : 0.75 Kw (1.0 HP)
 Voltage Range : 180 to 240 Volts

CRYSTAL



Features

- Motor can withstand wide voltage fluctuation from 180 - 240Volts
- Capable of priming up to 3 meters static suction lift without foot valve, at rated head and discharge (IS 8472:1998)
- Thermal Overload Protector (TOP) for safety of motor
- TEFC capacitor starts and runs motor
- 'B' class of insulation
- Capacitor inside terminal box
- Double shielded ball bearing- needs no external lubrication
- Lightweight pump for easy handling

Material of Construction

Impeller : Brass
 Pump shaft : Carbon Steel
 Delivery Casing : Cast Iron
 Mounting Casing : Cast Iron
 Motor Body : Extruded Aluminum die cast
 Cover NDE : Cast Iron

Application

- Water supply for domestic use in bungalows, hospitals, garages, industries, small fountains, solar heating systems etc.

Technical specifications

Head : 6 to 28 meters
 Capacity : 3200 to 650 LPH
 Power Rating : 0.75 Kw (1.0HP)
 Voltage Range : 180 to 240 Volts

PERFORMANCE UNDER STANDARD TEST CONDITIONS												
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES					
	kW	HP	SUC	DEL			6	10	14	18	22	28
							DISCHARGE IN LITRES PER HOUR					
Crystal	0.75	1.0	25	25	4.5	230	3200	2250	1890	1460	1080	650

Features

- Total head - 40 metres
- Self priming up to 3 metres
- Can withstand wide voltage fluctuations from 180 to 240 Volts
- Thermal Overload Protector (TOP), protects motor from burning out
- Chrome plated shaft to avoid rust problems
- Motor with IP-44 protection and class 'B' insulation
- Shielded ball bearings - no need for external lubrication
- Lightweight pump for easy handling
- Available in single and three phase options

Material of Construction

Impeller : H. T. Brass
 Delivery Casing : Cast Iron
 Motor Body : Aluminium
 Shaft : Carbon Steel (Chrome Plated)

Applications

- Water supply for domestic use in bungalows, apartments, hotels, hospitals, farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering gardens

Technical Specifications

Head : 10 to 40 metres
 Capacity : 3000 to 200 LPH
 Power Rating : 0.75 kW (1.0 HP)
 Voltage Range : 180 to 240 Volts - single phase, and 300 to 440 Volts - three phase

MINI 40S



PERFORMANCE UNDER STANDARD TEST CONDITIONS																	
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)		RATED VOLTAGE (Volts)		TOTAL HEAD IN METRES								
	kW	HP	SUC	DEL	10	30	10	30	10	14	18	22	26	28	30	35	40
MINI 40S	0.75	1.0	25	25	4.5	1.8	230	415	3000	2600	2250	1980	1530	1300	1200	650	200

Note : Performance applicable in cases of liquid of specific gravity 1 and viscosity as of water. Models available in Three Phase also.



Features

- Can withstand wide voltage fluctuations from 180 to 240 Volts
- Self priming up to 3 metres
- Thermal Overload Protector (TOP), protects the motor from burning out
- Chrome plated shaft to avoid rust problem
- Motor with IP-44 protection and class 'B' insulation
- Shielded ball bearings - no need for external lubrication
- Capacitor inside terminal box
- Available in single as well as three phase

Material of Construction

Impeller : H. T. Brass
 Delivery Casing : Cast Iron
 Motor Body : Cast Iron
 Shaft : Carbon Steel (Chrome Plated)

Applications

- Water supply for domestic use in bungalows, apartments, hotels, hospitals, farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering gardens

Technical Specifications

Head : 10 to 50 metres
 Capacity : 3200 to 400 LPH
 Power Rating : 0.75 kW (1.0 HP)
 Voltage Range : 180 to 240 Volts - single phase, 300 to 440 Volts - three phase

MINI 50S

PERFORMANCE UNDER STANDARD TEST CONDITIONS																				
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)		RATED VOLTAGE (Volts)		TOTAL HEAD IN METRES											
	kW	HP	SUC	DEL	1ø	3ø	1ø	3ø	6	10	14	18	22	26	30	34	38	42	46	50
MINI 50S	0.75	1.02	25	25	6.5	2.0	230	415	3730	3430	3130	2860	2620	2380	2160	1920	1670	1380	1080	780

MEGA 54S

SINGLE PHASE MONOBLOC PUMPS

Features

- Designed for better performance in domestic applications
- Can withstand wide voltage fluctuations from 180 to 240 Volts
- High suction lift up to 3 metres
- Thermal Overload Protector (TOP) prevents motor burning out
- High quality aluminium extruded motor body with chrome plated shaft
- TEFC capacitor start and run motor with IP-44 protection and class 'B' insulation
- Capacitor inside terminal box

Material of Construction

Impeller	: Brass
Pump Shaft	: Carbon - Steel (chrome plated)
Delivery Casing	: Cast Iron
Mounting Casing	: Cast Iron
Motor Body	: Aluminium
Cover NDE	: Cast Iron
Mechanical Seal	: Carbon Ceramic

Applications

- Water supply for domestic use in bungalows, apartments, hotels, hospitals, farmhouses
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering gardens
- Circulation of water in industries

Technical Specifications

Power Rating	: 1.1 kW (1.5 HP)
Head Range	: 10 to 52 metres
Discharge Range	: 3960 to 360 LPH
Voltage Range	: 180 to 240 Volts - single phase, 300 to 440 Volts - three phase

PERFORMANCE UNDER STANDARD TEST CONDITIONS														
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)		RATED VOLTAGE (Volts)		TOTAL HEAD IN METRES					
	kW	HP	SUC	DEL	1 Ø	3 Ø	1 Ø	3 Ø	10	20	32	41	52	
MEGA 54S	1.1	1.5	25X25		8.8	2.8	210	415	3960	3240	2520	1800	1080	360

Note : Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water.





WAVE, THUNDER & POPULAR SERIES



WAVE



THUNDER



POPULAR

Applications

- Water supply for use in bungalows, apartments, hotels, farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering gardens

Material of Construction

- Motor Body : Extruded Aluminum
- Cover NDE : Cast Iron
- Delivery Casing : Cast Iron
- Mounting Casing : Cast Iron
- Impeller : Brass

Features

- Motors can withstand wide voltage fluctuations from 180 to 240 Volts
- Self priming up to 3 meters
- Thermal Overload Protector (TOP) for motor safety
- Ball bearings on both sides are double shielded - no need for external lubrication through entire life cycle
- TEFC capacitor start and run motor
- Class 'B' insulation.
- Fitted with high quality ceramic Vs carbon mechanical seal.
- Aluminum extruded motor body for better heat dissipation and corrosion resistance
- Powder coated casting parts for longer life

PERFORMANCE UNDER STANDARD TEST CONDITIONS														
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES							
	kW	HP	SUC	DEL			6	9	12	15	18	21	24	28
							DISCHARGE IN LITRES PER HOUR							
WAVE	0.37	0.5	25	25	3.4	220	1930	1705	1480	1260	1048	835	618	325
THUNDER	0.37	0.5	25	25	3.4	220	2520	2250	1980	1720	1475	1230	1005	720

PERFORMANCE UNDER STANDARD TEST CONDITIONS																
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEAD IN METRES									
	kW	HP	SUC	DEL			10	14	18	22	26	28	30	35	40	
							DISCHARGE IN LITRES PER HOUR									
POPULAR	0.75	1.0	25	25	4.5	220	3000	2600	2250	1980	1530	1300	1200	650	200	

AQUA SERIES PUMPS

PERFORMANCE UNDER STANDARD TEST CONDITIONS

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES															
	kW	HP	SUC	DEL			3	6	8	10	12	14	15	18	22	24	26	30	36	40	41	
							DISCHARGE IN LITRES PER HOUR															
AQUA-50	0.37	0.5	12	12	2.8	220	1200	1100	1080	900	765	670	300									
AQUA-60	0.37	0.37	12	12	2.8	220		1620	1570	1485	1415	1350	1300	1170	945	800	600					
AQUA-100	0.75	1.0	25	25	5.5	220		2160	2025	1930	1810	1750	1710	1580	1440	1360	1300	1105	780	450	450	
AQUA-150	1.1	1.5	25	25	5.5	220		3300	3200	3050	2970	2880	2790	2655	2300	2250	2010	1872	1350	600		



Features

- Motor can withstand wide voltage fluctuations from 180 - 240 Volts.
- Capable of priming up to 3 meters static suction lift without foot valve, at rated head and discharge (IS 8472:1998)
- Fitted with Thermal Overload Protector (TOP) to prevent motor burning out
- High quality aluminum extruded motor body with chrome plated shaft
- Totally enclosed fan cooled (TEFC) - no entry of dust or moisture
- Capacitor start and run motor with IP-44 protection
- B' class of insulation.
- Both side ball bearings are double shielded – no need of external lubrication throughout life

Material of Construction

Impeller	: H.T. Brass
Casings	: SS
Motor Body	: Extruded Aluminum
Shaft	: Carbon Steel (Chrome Plated)
Cover NDE	: Aluminum (Aqua -50, Aqua - 60, Aqua- 100)
Cover NDE	: Cast Iron (Aqua - 150)

Applications

- Water supply for domestic use in bungalows, apartments, hotels, farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering gardens
- Circulation of water in industries

Technical Specifications

Head	: 3 to 41 meters
Capacity	: 3200 to 360 LPH
Power Rating	: 0.37 to 1.1 Kw
Voltage Range	: 180 to 240 Volts

Cafe Fres

SP N
THE FOOD COURT



LIFTER SERIES PUMPS



Features

- Suitable for high head application
- Capable of priming up to 3 meters static suction lift without foot valve, at rated head and discharge (IS 8472:1998)
- Designed for high efficiency over a wide range of operations
- Fitted with Thermal Overload Protector (TOP) to prevent motor burning out
- Motor can withstand wide voltage fluctuations from 180 - 240 Volts.
- Non-overloading power characteristics
- Provided with handle for ease of handling

Material of Construction

- Impeller : Noryl (LIFTER -50)
- Impeller : Cast Iron (LIFTER -60, LIFTER -100, LIFTER -150)
- Shaft : Carbon Steel
- Motor Body : Extruded Aluminum
- Delivery Casing : Cast Iron
- Cover NDE : Aluminum (LIFTER -50, LIFTER -60, LIFTER -100)
- Cover NDE : Cast Iron (LIFTER -150)

Applications

- Water supply for domestic use in bungalows, apartments, hotels, farmhouses etc.
- Sump and water tanks.

Technical Specifications

- Head : 8 to 36 meters
- Capacity : 2600 to 1080 LPH
- Power Rating : 0.37 to 1.1 Kw
- Voltage Range : 180 to 240 Volts

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (IN Amps.)	RATED VOLTAGE	TOTAL HEAD IN METRES													
	kW	HP	SUC	DEL			8	10	12	16	20	22	24	26	28	30	32	34	35	36
	DISCHARGE IN LITRES PER SECONDS																			
LIFTER - 50	0.37	0.5	25	25	2.8	220		2300	2170	1755	1050	500								
LIFTER - 60	0.37	0.5	25	25	3.4	220	2600	2520	2460	2290	2070	1900	1750	1590	1110	600				
LIFTER - 100	0.75	1	25	25	5.5	220						2700	2500	2260	2050	1800	1440	1000	810	630
LIFTER - 150	1.1	1.5	25	25	5.5	220								2500	2340	2070	1710	1440	1250	1080



V FLOW

Features

- Self-priming up to 3.0 meters at mean seal level.
- Motor can withstand with wide voltage fluctuation from 180- 240Volts
- Unique Motor design- capacitor Start & run, Eliminating centrifugal Switch.
- 'B' class of insulation.
- Specially processed steel shaft for corrosion resistance & durability.
- Fitted with high quality & long life mechanical seal.
- Fitted with Thermal Overload Protector (TOP) for safety of Motor.
- Both Side Shielded ball bearing, no need of external lubrication.
- Sturdy & rigid construction.
- Pump casing made of closed grains cast iron of high tensile strength and has a very smooth surface finish resulting in low friction losses.
- Brass impeller is used to give trouble free services

Material of Construction

(Standard Supply)

- Impeller : Brass
- Pump shaft : Carbon steel
- Delivery Casing : Cast Iron
- Mounting casing : Cast Iron
- Motor Body : Aluminum
- Cover NDE : Cast Iron
- Mechanical seal : Carbon ceramic

Applications

- Water supply for domestic use in Bungalows, Apartments, Hotels, Farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens.

Technical Specifications

- Head : 5 to 50 Meters
- Capacity : 2560 to 140 LPH
- Power Rating : 0.37 Kw/ 0.5 HP to 0.75 Kw/ 1.0 HP
- Voltage Range : 180 to 240 Volts (1 phase)

PERFORMANCE UNDER STANDARD TEST CONDITIONS																		
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (IN Amps)	RATED VOLTAGE	TOTAL HEAD IN METRES											
	kW	HP	SUC	DEL			6	10	14	18	22	26	30	34	38	42	46	50
V-Flow	0.37	0.5	25	25	4.5	240		2439	2250	2043	1773	1457	1134	729				
V-Flow 1	0.75	1.0	25	25	7.6	240	2560	2520	2420	2260	2060	1840	1620	1380	1140	860	580	140

Note: Performance applicable in cases of liquid of specific gravity 1 and viscosity as of water.

CHHOTU PUMPS



Features

- Special Motor design can work on UPS
- It is capable of priming up to 3meters static suction lift without a foot valve , at rated head & discharge
- 'B' class of Insulation.
- Motor can withstand with wide voltage fluctuation from 180-240Volts.
- Light weight pump for easy handling
- Capacitor inside terminal box.
- TEFC capacitor starts and run motor

Material of Construction (Standard Supply)

Impeller	: Brass
Pump shaft	: Carbon steel
Delivery Casing	: Cast Iron
Mounting casing	: Cast Iron
Motor Body	: Extruded Aluminum
Cover NDE	: Aluminum
Mechanical Seal	: Carbon Ceramic

Applications

- Water supply for domestic use in Bungalows, Apartments, Hotels, Farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens.

Technical Specifications

Head	: 6 to 26 Meters
Capacity	: 1980 to 360 LPH
Power Rating	: 0.37 Kw / 0.5 HP
Voltage Range	: 180 to 240 Volts (1Phase)

PERFORMANCE UNDER STANDARD TEST CONDITIONS												
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (IN Amps)	RATED VOLTAGE	TOTAL HEAD IN METRES					
	kW	HP	SUC	DEL			6	10	14	18	22	26
Chhotu	0.37	0.5	25	25	2.0	220	1980	1620	1296	1008	702	360

Note: Performance applicable in cases of liquid of specific gravity 1 and viscosity as of water.

CBR

SELF PRIMING PUMPS 1440 RPM SPDP MOTOR



Features

- Self-priming up to 3.0 meters at mean seal level.
- Motor can withstand with wide voltage fluctuation from 180- 240Volts
- Unique Motor design- SPDP - capacitor Start & run motor with centrifugal Switch.
- 'B' class of insulation.
- Fitted with high quality & long life mechanical seal.
- Fitted with Thermal Overload Protector (TOP) for safety of Motor.
- Both Side Shielded ball bearing, no need of external lubrication.
- Sturdy & rigid construction.
- Pump casing made of closed grains cast iron of high tensile strength and has a very smooth surface finish resulting in low friction losses.
- Brass impeller is used to give trouble free services

Material of Construction (Standard Supply)

Impeller	: Brass
Pump shaft	: S.S.
Delivery Casing	: Cast Iron
Mounting casing	: Cast Iron
Motor Body	: M.S.
Cover NDE	: Cast Iron
Mechanical seal	: Carbon ceramic

Applications

- Water supply for domestic use in Bungalows, Apartments, Hotels, Farmhouses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens.

Technical Specifications

Head	: 6 to 42 Meters
Capacity	: 3348 to 432 LPH
Power Rating	: 0.75 Kw/ 1.0 HP
Voltage Range	: 180 to 240 Volts (1 phase)

PERFORMANCE UNDER STANDARD TEST CONDITIONS

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (IN Amps.)	RATED VOLTAGE	TOTAL HEAD IN METRES									
	kW	HP	SUC	DEL			6	10	14	18	22	26	30	34	38	42
CBR140	0.75	1.0	25	25	7.6	240	3348	3105	2808	2448	2088	1764	1440	1116	828	432

Note: Performance applicable in cases of liquid of specific gravity 1 and viscosity as of water.



KSW SHALLOW WELL PUMPS



Features

- Suitable for high head applications
- Self priming up to 8 meters at mean sea level
- Designed for high efficiency over a wide range of operations
- Fitted with Thermal Overload Protector (TOP) to prevent motor burning out
- Can withstand wide voltage fluctuations from 180 to 240 V
- Non overloading power characteristics
- Aluminum motor body
- Provided with handle for ease of handling

Technical Specifications

Range	: 0.37 to 0.75 kW (0.5 to 1.0 HP)
Pipe Size	: 25 x 25 mm
Total Head	: 5 to 40 meters
Capacity	: 3600 to 300 LPH
Liquid	: Clear water
Rated volts	: 210 Volts

Applications

- Residential bungalows, hotels etc.
- Storage water tanks
- Small farms
- Lawns and gardens
- General industries
- Water circulating systems
- Car washing
- Fountains

PERFORMANCE UNDER STANDARD TEST CONDITIONS												
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		TOTAL HEAD IN METRES							
	kW	HP	SUC	DEL	5	10	15	20	25	30	35	40
					DISCHARGE IN LITRES PER HOUR							
KSW-05	0.37	0.5	25	25	3300	3120	2820	2400	1980	1500		
KSW-10	0.75	1.0	25	25			3600	3300	2400	1800	900	300

Note: Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water.

Features

- Can withstand wide voltage fluctuations from 180 to 240 Volts (for single phase)
- Suction lift up to 52 metres
- No moving parts inside the well, hence easy to service
- Available with twin type as well as packer type jet units, in vertical as well as horizontal versions
- Designed to prevent overloading and motor burning out
- Models incorporated with IP-44 protection and class 'B' insulation
- Three phase models also available with IP-55 protection on request
- Dynamically balanced rotating parts ensure minimum vibrations

- Replaceable wear and tear parts and hence longer life
- CED coated wetted components for long life and rust free operations
- More hygienic operations for drinking water
- Fitted with shielded ball bearing - no lubrication required through life cycle

Material of Construction (Standard Supply)

Impeller	: Cast Iron
Delivery Casing	: Cast Iron
Motor Body	: Cast Iron
Shaft	: Carbon Steel
Jet Unit	: Cast Iron/ Stainless Steel

Applications

- Gardening and irrigation
- Lawn sprinklers
- Clear water handling in industries
- Water supply for use in high rise apartments, buildings and hotels

Technical Specifications

Depth to Low Water Level	: 9 to 52 metres
Capacity	: 3600 to 120 LPH
Power Rating Single Phase	: 0.37 to 1.1 kW (0.5 to 1.5 HP)
Voltage Range	: 180 to 240 Volts, rated 210 Volts



KJ DEEP-WELL JET PUMP



PERFORMANCE UNDER STANDARD TEST CONDITIONS																								
PUMP MODEL	JET UNIT CODE	MIN. WELL SIZE (mm)	M.O.P. # (mtrs.)	POWER RATING		FULL LOAD CURRENT (in amps.)	DEPTH TO LOW WATER LEVEL IN METRES														PIPE SIZE (mm)			
				kW	HP		9	12	15	18	21	24	27	30	33	36	39	42	45	48	52	DEL	PRES	DIS.
TWIN TYPE																								
CAPACITY IN LITRES PER HOUR																								
KJ-05V/H	4T6	100	08	0.37	0.5	3.4	1920	1680	1320	1020	720	540	360							32	25	25		
KJ-05V/H	5T3	115	08	0.37	0.5	3.4	1920	1680	1320	1020	750	600	480	360						40	32	25		
KJ-10V/H	3T3	80	17	0.75	1.0	6.5			1580	1400	1180	980	820	660	540	440	320			25	25	25		
KJ-10V/H*	4T3	100	19	0.75	1.0	6.5	2722	2520	2220	1800	1500	1250	960	660						32	25	25		
KJ-10V/H	4T6	100	19	0.75	1.0	6.5	1800	1790	1525	1300	1090	900	725	570	432	300	180	120		32	25	25		
KJ-10V/H*	5T3	115	19	0.75	1.0	6.5	1560	1540	1510	1480	1440	1380	1270	1120	950	800	670	560	440	360	180	40	32	25
KJ-15V/H	3T3	80	22	1.1	1.5	8.8			1640	1570	1430	1200	1000	860	750	600	550	400	300	200	25	25	25	
KJ-15V/H*	4T6	100	23	1.1	1.5	8.8	1896	1884	1860	1764	1584	1356	1152	960	780	648	516	384	264		32	25	25	
KJ-15V/H*	5T2	115	22	1.1	1.5	8.8	3600	3360	3000	2670	2350	2010	1680	1320	1080	720				40	32	25		
KJ-15V/H*	5T3	115	22	1.1	1.5	8.8	2110	2100	2090	2070	2040	1860	1630	1440	1270	1150	1000	870	750	600	40	32	25	
PACKER TYPE																								
KJ-10V/H	2P1	50	20	0.75	1.02	6.5			1305	1062	810	540	252							32	25	25		
KJ-15V/H	2P1	50	25	1.1	1.5	8.8			1390	1270	1150	1020	875	710	540	335				32	25	25		
KJ-10V/H	3P3	80	17.5	0.75	1.02	6.5			1500	1380	1260	1080	900	750	585	460				40	32	25		
KJ-15V/H	3P3	80	21	1.1	1.5	8.8			1540	1480	1360	1200	1060	910	760	640	540	440	310		40	32	25	

Above pump sets are ISI marked, except GJC model. M.O.P. - Minimum Operating Pressure
 Note: Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water. Performance applicable up to 4 metres submergence of jet unit in water. Motor - TEC, SCR, 2 pole motor for cap strut and run type.



KOS N

KOS M/ KOS N

Features

- Designed for underwater applications: no need for priming and foot valve
- Easy installation - foundation and installation platform not required
- Can withstand wide voltage fluctuations from 160 to 260 Volts
- Non overloading power characteristics: no fear of motor burning out
- Dynamically balanced rotating parts ensure minimum vibrations
- Replaceable wear and tear parts and hence longer life
- Easy maintenance and spares availability: needs only one spanner for maintenance

- CED coated wetted components for long life and rust free operations
- More hygienic operations for drinking water

Applications

- Water supply for fountains, sumps and water tanks
- Water supply for use in apartments, buildings and hotels
- Gardening and small farm irrigation

Technical Specifications

Head : 8 to 38 metres
 Capacity : 11 to 0.4 LPS
 Power Ratings : 0.37 to 1.5 kW (0.5 to 2.0 HP)
 Voltage Range : 160 to 260 V



KOS M



Material of Construction (Standard Supply)

KOS M
 Impeller : Cast Iron
 Delivery Casing : Cast Iron
 Motor Body : Cast Iron
 Shaft : Stainless Steel

KOS N
 Impeller : Cast Iron
 Delivery Casing : Cast Iron
 Shaft : SS 410
 Motor Body : SS
 Mounting Casing : Cast Iron
 Cover NDE : Cast Iron

PERFORMANCE UNDER STANDARD TEST CONDITIONS

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES																												
	kW	HP	SUC	DEL			DISCHARGE IN LITRES PER SECOND																												
							8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38													
KOSM/KOSN-0516	0.37	0.5	25	25	4.8	210	1.8	1.6	1.4	1.0	0.8																								
KOSM/KOSN-0827	0.56	0.75	25	25	6.6	210				1.541.4	1.3	1.16	1.0	1.8																					
KOSM/KOSN-116	0.75	1.02	50	40	8.0	210	4.9	4.5	4.0	3.5	2.9	2.0																							
KOSM/KOSN-123	0.75	1.02	32	25	8.0	210		4.0	3.6	3.2	2.65	2.2	1.6	0.9																					
KOSM/KOSN-128	0.75	1.02	25	25	8.0	210			2.0	1.9	1.8	1.7	1.6	1.4	1.1	0.8	.04																		
KOSM/KOSN-134	0.75	1.02	25	25	8.0	210				1.66	1.59	1.5	1.38	1.24	1.06	0.87	0.66	0.4																	
KOSM/KOSN-1.522	1.1	1.48	50	40	10.0	210	6.3	5.9	5.5	5.0	4.5	3.8	3.0	1.9																					
KOSM/KOSN-1.525	1.1	1.5	50	40	10.0	210				2.3	2.2	2.1	2.0	1.8	1.6	1.3																			
KOSM/KOSN-1.540	1.1	1.5	32	25	10.0	210									2.0	1.92	1.8	1.62	1.5	1.32	1.1	0.9	0.6												
KOSM/KOSN-216	1.5	2.0	65	50	12.0	210	11.0	10.0	8.8	7.2	4.0																								
KOSM/KOSN-225	1.5	2.0	50	40	12.0	210	5.3	5.1	5.0	4.8	4.5	4.3	4.0	3.6	3.1	2.2																			

Note : Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water. KOS-128 can also be offered in 50x40 mm and 40x40 mm pipe sizes. KOS M 1HP and above can be also available in three phase. KOS M / KOS N134 & 1.540 in with Noryl Impeller

CHOS

Coimbatore Horizontal Openwell Submersible



Features

- Wide voatge range of 160 to 240 V
- Desigened for underwater application
- No need of primming and footvalve for sumbersibale application
- No need of foundation, installation and pump housing arrangeemnt
- SS shaft & Body
- LTB4 Bushes
- Carbon Thrust Pad
- Water lubricated bushes
- Noiseless operation

Material of Construction (Standard Supply)

- Impeller : Noryl
- Delivery Casing : Cast Iron
- Shaft : SS 410
- Motor Body : SS
- Mounting Casing : Cast Iron
- Cover NDE : Cast Iron

Applications

- Water supply for fountains, sumps and water tanks
- Water supply for use in apartments, buildings and hotels
- Gardening and small farm irrigation

Technical Specifications

- Head : 6 to 30 Meters
- Capacity : 8640 to 1620 LPH
- Power Rating : 0.37 Kw/ 0.5 HP to 0.75 Kw/ 1.0 HP
- Voltage Range : 160 to 240 Volts (1 phase)

PERFORMANCE UNDER STANDARD TEST CONDITIONS													
PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (IN Amps)	RATED VOLTAGE	TOTAL HEAD IN METRES						
	kW	HP	SUC	DEL			6	10	14	18	22	26	30
CHOS-518	0.37	0.5	25	25	5.5	220	DISCHARGE IN LITRES PER HOUR						
CHOS-134	0.75	1.0	25	25	8.0	220	8640	7560	7020	5985	4725	3285	1620

Note: Performance applicable in cases of liquid of specific gravity 1 and viscosity as of water.



Oil Filled

KU3 SUBMERSIBLE PUMP

Features

- Pump**
- Lightweight and compact
 - Non overloading power characteristics ensure trouble free operation through the entire operating range
 - Can be installed with HDPE/ UPVC/ GI pipes
 - Flatter efficiency curve ensures better performance through entire operating range
 - Can be installed horizontally
 - Easy to assemble and dismantle

PERFORMANCE CHART OF 80 MM (3") OIL FILLED SUBMERSIBLE PUMP KU3 SERIES AT 50HZ FREQUENCY & 220 VOLTS RATED VOLTAGE FOR 1 PH

PUMP MODEL	Del. Size (mm)	Power Rating (kW/HP)	STG	Rated Current	HEAD IN METERS												
					1 Ø												
					GPM	2.6	7.9	13.2	15.9	18.5	23.8	26.4					
KU3-0610 PUMP	32	0.37/0.5	10	4.4	LPM	10	30	50	60	70	90	100					
KU3-0612 PUMP	32	0.75/1.0	12	7.8	LPS	0.2	0.5	0.8	1.0	1.2	1.5	1.7					
KU3-0615 PUMP	32	0.55/0.75	15	6	M ³ /Hr	0.6	1.8	3.0	3.6	4.2	5.4	6.0					
KU3-0615 PUMP	32	0.75/1.0	15	7.8		28	26	21	17	13	7	4					
KU3-0620 PUMP	32	0.75/1.0	20	7.8		34	31	26	20	18	10	5					
KU3-0626 PUMP	32	0.93/1.25	26	9.75		41	39	31	26	22	12	7					
KU3-0632 PUMP	32	1.1/1.5	36	11.7		41	39	31	26	22	12	7					
						55	52	41	34	27	13	6					
						66	59	48	44	34	13	1					
						86	75	60	54	44	22	7					

Motor

- Anti-friction bearings for axial/ radial loads ensure longer life of motor
- Potable and hygienic grade of oil-filled motor facilitates use of anti-friction bearings (instead of journal bearings), resulting in smooth running and trouble free operation of pump set
- Stator is easily rewound
- Class 'F' insulation
- Wider voltage range : 160 to 240 Volts (single phase)
- Maximum starts/ stops per hour : 30
- More hygienic operations for drinking water

Material of Construction

Pump

- Pump Housing: Stainless Steel AISI 410
- Pump Shaft : Stainless Steel AISI 410
- Impellers : Noryl
- Bowl : Noryl
- Sleeves : Stainless Steel AISI 410

Motor

- Motor Housing : Stainless Steel AISI 410
- Motor Shaft : Stainless Steel AISI 410
- Shaft : Stainless Steel AISI 410
- All Hardware : Stainless Steel

Applications

- Domestic and industrial water supply
- Fire fighting systems for small and medium size plants
- Sprinkler and drip irrigation systems
- Booster systems
- Farmhouses, nurseries and gardens

Technical Specifications

- Head : 4 to 86 Meters
- Capacity : 100 to 10 LPM
- Rating : 0.37 to 1.10 KW (0.50 to 1.50 HP)
- Voltage : 160 to 240 V (Single Phase)



KIRLOSKAR

KS3

75mm SUBMERSIBLE PUMP

Water-Filled



Features

- Low power consumption
- Designed for optimum efficiency
- light weight and compact size make it easy to install
- Suitable for minimum 80 mm Bore Diameter
- Minimum submergence required 1 meter
- Declared performance is against power supply 1Phase 200V AC at 50 Hz
- Suitable for non corrosive water < 35 °C
- Suitable for < 50 ppm of suspended solids

Material of Construction (Standard Supply)

Shaft	Chrome Steel	Grade AISI 410
Impeller	Noryl	20% Glass Filled
Diffuser	Noryl	20% Glass Filled
NRV Body	Cast Iron	Grade FG 200
Bushes	Bronze	LTB 4
Rotor	Copper	Electrolyte Grade

Applications

- Domestic and industrial water supply
- Sprinkler and drip irrigation system
- Booster systems
- Farmhouse, nurseries and gardens

Technical Specifications

Head	: 8 to 59 Meters
Capacity	: 68 to 8 LPM
Rating	: 0.37 to 0.93 KW (0.50 to 1.25 HP)
Voltage	: 160 to 240 V (Single Phase)

Performance chart for 75 mm (3") KS3 series water filled submersible pump, at 50 Hz frequency and 220 volts rated voltage for 1 phase

Model	Del. Size MM	Power Rating (kW/HP)	STG	Rated Current	1Ø	Head in Meters												
						GPM	LPM	LPS	M ³ /Hr	5.3	6.9	8.7	10.6	12.2	14.0	15.9		
KS3D-0507	32	0.37/0.5	7	4.4	4.4	23	22	20	19	17	15	13						
KS3D-0811	32	0.55/0.75	11	6	6	36	35	31	30	27	24	20						
KS3D-1015	32	0.75/1.0	15	7.8	7.8	49	47	43	41	36	32	28						
KS3D-1318	32	0.93/1.25	18	9.75	9.75	59	57	51	49	44	39	33						

Model	Del. Size MM	Power Rating (kW/HP)	STG	Rated Current	1Ø	Head in Meters												
						GPM	LPM	LPS	M ³ /Hr	6.6	8.7	11.1	13.2	14.8	16.4	18.0		
KS3E-0605	32	0.37/0.5	5	4.4	4.4	13	13	12	11	10	9	8						
KS3E-0810	32	0.55/0.75	10	6	6	26	26	24	22	20	18	16						
KS3E-1012	32	0.75/1.0	12	7.8	7.8	31	31	29	26	24	22	19						
KS3E-1014	32	0.75/1.0	14	7.8	7.8	36	36	34	31	28	25	22						
KS3E-1316	32	0.93/1.25	16	11.7	11.7	42	42	38	35	32	29	26						

KU4 SUBMERSIBLE PUMP



Pump Features

- Low power consumption
- Designed for optimum efficiency
- Suitable for oil and water filled motor
- Pump motor connection according to NEMA standard
- Hexa Rubber Bush and Stainless Steel sleeve for increased wear resistance
- NRV fitted in discharge outlet to prevent backflow
- Corrosion and abrasion resistant parts
- Less vibration and lower noise level due to dynamic balancing of rotating parts
- Lightweight and compact size make it easy to install
- Can be installed with HDPE / UPVC / GI pipes
- Can be installed horizontally

Material of Construction

Pump Housing : Stainless Steel
Pump Shaft : Stainless Steel
Suction Bracket : Stainless Steel
Discharge Nozzle : Stainless Steel
Stage Bowl : Stainless Steel
Impellers : Noryl
Diffusers : Noryl
Strainer : Stainless Steel

Motor

Motor Housing : Stainless Steel
Motor shaft : Stainless Steel
Motor Topshield : Cast Iron (Ni plated)
All Hardware : Stainless Steel

Applications

- Domestic and industrial water supply
- Firefighting systems for small and medium size plants
- Sprinkler and drip irrigation systems
- Booster systems
- Farmhouses, nurseries and gardening

Technical Specifications

Head : 23 - 251 Meters
Capacity : 5 to 350 LPM
Rating : 0.37 Kw/ 0.5 HP to 4.1 Kw/ 5.5HP
Voltage Range : 1 Phase (180 to 240)
3 Phase (280 to 440)
Motor : Oil filled, fitted with double ball bearing

- Anti-friction bearings for axial/ radial loads ensure longer life of motor
- Potable and hygienic grade of oil-filled motor facilitates use of anti-friction bearings (instead of journal bearings), which result in smooth running and trouble free pump set operation
- Stator is easily rewound

Insulation : Class 'F'
Maximum starts/ stops : 30 per hour

KIRLOSKAR



Oil Filled



KU4 SUBMERSIBLE PUMP

PERFORMANCE CHART OF 100 MM (4") OIL FILLED SUBMERSIBLE PUMP KU4 SERIES AT 50HZ FREQUENCY & 220 VOLTS RATED VOLTAGE FOR 1PH, 415 VOLTS RATED VOLTAGE FOR 3PH

PUMP MODEL	DEL. SIZE (mm)	POWER RATING (kW/ HP)	STG	FULL LOAD CURRENT		HEAD IN METERS														
				1 Ø	3 Ø	GPM														
						LPM	LPS	M ³ /Hr	2.6	5.3	6.6	7.9	9.2	10.6	13.2					
KU4-0307	32	0.37 / 0.5	7	3.5	1.4	44	39	36	32	28	22	10								
KU4-0310	32	0.55 / 0.75	10	4.5	1.9	63	56	51	46	39	31	14								
KU4-0311	32	0.75 / 1.02	11	5.8	2.5	69	61	56	50	43	35	16								
KU4-0314	32	0.75 / 1.02	14	5.8	2.5	88	78	71	64	55	44	20								
KU4-0318	32	1.1 / 1.5	18	7.9	2.9	113	100	91	82	71	57	26								
KU4-0321	32	1.1 / 1.5	21	7.9	2.9	132	117	107	96	83	66	30								
KU4-0328	32	1.5 / 2	28	11	4.9	176	156	142	128	110	88	40								
KU4-0334	32	2.2 / 3	34	15	6	214	189	172	155	134	107	49								
KU4-0340	32	2.2 / 3	40	15	6	251	223	203	183	157	126	57								

Performance chart of 100 mm (4") oil filled submersible pump ku4 series at 50hz frequency & 220 volts rated voltage for 1ph, 415 volts rated voltage for 3ph

PUMP MODEL	DEL. SIZE (mm)	POWER RATING (kW/ HP)	STG	FULL LOAD CURRENT		HEAD IN METERS														
				1 Ø	3 Ø	GPM														
						LPM	LPS	M ³ /Hr	1.3	2.6	4.0	5.3	6.6	7.9	9.2					
KU4-0214	32	0.37 / 0.5	14	3.5	1.4	6.9	64	57	50	41	31	20								
KU4-0221	32	0.55 / 0.75	21	4.5	1.9	104	96	86	75	62	47	30								
KU4-0228	32	0.75 / 1.02	28	5.8	2.5	138	128	114	100	82	62	40								
KU4-0234	32	1.1 / 1.5	34	7.9	2.9	168	155	138	121	100	75	49								
KU4-0240	32	1.1 / 1.5	40	7.9	2.9	197	183	163	143	117	89	57								

Performance chart of 100 mm (4") oil filled submersible pump ku4 series at 50hz frequency & 220 volts rated voltage for 1ph, 415 volts rated voltage for 3ph

PUMP MODEL	DEL. SIZE (mm)	POWER RATING (kW/ HP)	STG	FULL LOAD CURRENT		HEAD IN METERS														
				1 Ø	3 Ø	GPM														
						LPM	LPS	M ³ /Hr	5.3	10.6	13.2	15.8	18.5	21.1	26.4					
KU4-0704	32	0.37 / 0.5	4	3.5	1.4	26	25	23	21	18	14	5								
KU4-0706	32	0.55 / 0.75	6	4.5	1.9	39	37	35	31	26	21	8								
KU4-0707	32	0.55 / 0.75	7	4.5	1.9	46	43	40	36	31	25	9								
KU4-0708	32	0.75 / 1.02	8	6	4	52	49	46	41	35	28	10								
KU4-0709	32	0.75 / 1.02	9	6	4	59	55	52	46	39	32	11								
KU4-0711	32	1.1 / 1.5	11	9	4.2	72	67	63	56	48	39	14								
KU4-0713	32	1.1 / 1.5	13	7.9	4.2	85	80	75	67	57	46	16								
KU4-0715	32	1.5 / 2	15	11	4.5	98	92	86	77	66	53	19								
KU4-0718	32	1.5 / 2	18	11	4.5	117	110	104	92	79	63	23								
KU4-0722	32	1.9 / 2.5	22	13.8	NA	143	135	127	113	96	77	28								
KU4-0727	32	2.2 / 3	27	15	6	176	165	155	138	118	95	34								
KU4-0736	32	3 / 4	36	NA	8.5	234	221	207	185	158	126	45								

Performance chart of 100 mm (4") oil filled submersible pump ku4 series at 50hz frequency & 220 volts rated voltage for 1ph, 415 volts rated voltage for 3ph

PUMP MODEL	DEL. SIZE (mm)	POWER RATING (kW/ HP)	STG	FULL LOAD CURRENT		HEAD IN METERS														
				1 Ø	3 Ø	GPM														
						LPM	LPS	M ³ /Hr	5.3	10.6	15.8	18.5	21.1	26.4	31.7					
KU4-0807	32	0.75 / 1.02	7	5.8	2.5	42	40	36	34	32	27	20								
KU4-0810	32	1.1 / 1.5	10	7.9	2.9	60	56	51	49	46	39	29								
KU4-0814	32	1.5 / 2	14	11	4.5	84	79	72	68	64	54	40								
KU4-0821	32	2.2 / 3	21	15	6	126	119	108	102	96	81	60								
KU4-0828	32	3 / 4	28	NA	8.5	168	158	144	136	128	108	80								
KU4-0838	32	4.1 / 5.5	38	NA	10.5	228	214	195	185	174	147	109								

Performance chart of 100 mm (4") oil filled submersible pump ku4 series at 50hz frequency & 220 volts rated voltage for 1ph, 415 volts rated voltage for 3ph

PUMP MODEL	DEL. SIZE (mm)	POWER RATING (kW/ HP)	STG	FULL LOAD CURRENT		HEAD IN METERS														
				1 Ø	3 Ø	GPM														
						LPM	LPS	M ³ /Hr	6.6	13.2	19.8	26.4	33.0	39.6	46.2					
KU4-1504	50	0.55 / 0.75	4	4.5	1.9	25	24	22	20	16	12	8								
KU4-1505	50	0.75 / 1.02	5	5.8	2.5	31	30	28	24	20	15	10								
KU4-1507	50	1.1 / 1.5	7	7.9	2.9	44	42	39	34	28	21	14								
KU4-1509	50	1.5 / 2	9	11	4.5	56	54	50	44	36	27	18								
KU4-1512	50	2.2 / 3	12	15	6	75	72	66	59	48	36	24								
KU4-1514	50	2.2 / 3	14	15	6	88	84	77	68	56	42	28								
KU4-1519	50	3 / 4	19	NA	8.5	119	114	105	93	76	57	38								
KU4-1524	50	4.1 / 5.5	24	NA	10.5	150	144	132	117	96	72	48								
KU4-1526	50	4.1 / 5.5	26	NA	10.5	163	156	143	127	104	78	52								

Performance chart of 100 mm (4") oil filled submersible pump ku4 series at 50hz frequency & 220 volts rated voltage for 1ph, 415 volts rated voltage for 3ph

PUMP MODEL	DEL. SIZE (mm)	POWER RATING (kW/ HP)	STG	FULL LOAD CURRENT		HEAD IN METERS														
				1 Ø	3 Ø	GPM														
						LPM	LPS	M ³ /Hr	13.2	26.4	39.6	52.8	66.0	79.2	92.4					
KU4-2504	50	1.1 / 1.5	4	7.9	2.9	23	21	18	15	12	8	5								
KU4-2506	50	1.5 / 2	6	11	4.5	35	31	27	23	17	12	8								
KU4-2507	50	1.87 / 2.5	7	13.8	5	40	36	32	26	20	14	9								
KU4-2509	50	2.2 / 3	9	15	6	52	46	41	34	26	18	11								
KU4-2512	50	3 / 4	12	NA	8.8	69	62	54	45	35	24	15								
KU4-2516	50	4.1 / 5.5	16	NA	10.5	92	82	72	60	46	32	20								