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Is In Your Power



DOMESTIC



किर्लोस्कर पम्प, खुशियां हरदम.  
मोनोब्लॉक, सबमर्सिबल, ओपनवेल सबमर्सिबल

**KIRLOSKAR BROTHERS LIMITED**

# Domestic Product Range at a Glance

## MINI Family



## Eterna Family



## Other Ranges



# Product Catalogue



## WONDER I & II



### Features

- Aluminium extruded motor body for better heat dissipation and corrosion resistance
- Motor can withstand wide voltage fluctuations (180-240 Volts)
- Self priming up to 7.5 metres
- Fitted with thermal overload protector (TOP) - prevents motor burning at lower voltage
- Totally enclosed fan cooled (TEFC) motor -no entry of dust, moisture
- Capacitor start and run motor with IP- 44 protection
- Class 'B' insulation
- Double Shielded ball bearing-needs no external lubrication

### Material of Construction

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

### Applications

- Bungalows
- Garages
- Small Fountains
- Hospitals
- Industries
- Solar heating system

### Technical Specifications

Head : 3 - 24 metres  
 Capacity : 2000 - 300 LPH  
 Power Rating : Upto 180 kW (0.25 HP)  
 Voltage Range : 180-240 Volts

### Features

- Motor can withstand wide voltage fluctuation from 180-240 Volts
- Self Priming upto 7.5 metres
- High quality aluminium die cast motor body
- Thermal Overload protector (TOP) for safety of motor
- Both ball bearings are double shielded - no need of external lubrication throughout life
- TEFC capacitor start and run motor with IP- 44 protection
- Fitted with high quality ceramic Vs Carbon mechanical seal
- Easy maintenance and spares availability

### Material of Construction

Motor Body : Aluminium Die Cast  
 Cover NDE : Aluminium Die Cast  
 Delivery Casing : Cast Iron  
 Mounting Casing : Cast Iron  
 Impeller : Brass

### Applications

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

### Technical Specifications

Head : 6-28 metres  
 Capacity : 2520-325 LPH  
 Power Rating : 0.37 kW (0.5 HP)  
 Voltage Range : 180-240 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	18	21	24
<b>DISCHARGE IN LITRES PER HOUR</b>														
TINY-92	0.092	0.12	19	19	1.1	230	1600	1300	1100	800	600	-	-	-
TINY-180	0.180	0.25	19	19	2	230	2000	1700	1500	1250	1000	800	600	300

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
<b>DISCHARGE IN LITRES PER HOUR</b>														
WONDER I *	0.37	0.5	25	25	3.4	210	2520	2250	1980	1720	1475	1230	1005	720
WONDER II *	0.37	0.5	25	25	3.4	210	1930	1705	1480	1260	1048	835	618	325

# Product Catalogue



## WONDER III

### Features

- Withstand wide voltage fluctuation from 180 volt to 240 volts
- Self priming up to 7.5 meters
- Aluminum extruded motor body
- Top mounted big terminal box
- Capacitor inside terminal box
- Fitted with thermal overload protector (TOP), for life

### Material of Construction

Impeller : Forged Brass  
 Delivery Casing : Cast Iron  
 Motor Body : Aluminium

### Applications

- Water supply for domestic use in bungalows, apartments, hotels, hospitals, farm-houses etc.

### Technical Specifications

Head : 6-28 meters  
 Discharge : 1950-325LPH  
 Power rating : 0.37 kW / 0.5 HP  
 Pipe Size : 25 x 25 Suc. & Del.  
 Voltage Range : 180-240 Volts



### Features

- Withstand wide voltage fluctuation from 180 volts to 240 volts
- Self priming up to 7.5 metres
- Thermal overload protector (TOP) prevents motor burning
- Stainless steel shaft for avoiding rust problem
- Locked impeller resulting 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 of external lubrication
- Capacitor inside terminal box

### Material of Construction

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

### Applications

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

### Technical Specifications

Head : 6-24 metres  
 Capacity : 2250-400 LPH  
 Power Rating : 0.37 kW (0.5 HP)  
 Voltage Range : 180-240 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
WONDER III	0.37	0.5	25	25	3.4	210	1930	1705	1480	1260	1048	835	618	325

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
PEARL	0.37	0.5	25	25	3.4	220	2250	1872	1440	1044	600	400

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



## STAR-I SELF PRIMING



### Features

- Withstand wide voltage fluctuations from 180 to 255 Volts
- Self priming with lift up to 7.5 metres
- Thermal Overload Protector (TOP) prevents motor burning
- 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 of external lubrication
- Light weight 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	: Aluminium
Shaft	: Carbon Steel (Chrome Plated)

### Applications

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

### Technical Specifications

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

### Features

- Withstand wide voltage fluctuation from 180 volt to 240Volts
- Self priming up to 7.5 meters
- Thermal Overload Protector (TOP) prevents motor burning
- High quality aluminum 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 of external lubrication
- Light weight pump for easy handling
- Easy maintenance and spares availability

### Material of Construction

Impeller	: Forged brass
Delivery Casing	: Cast Iron
Motor Body	: Aluminum
Mounting Casing	: Cast Iron
Shaft	: Carbon Steel

### Applications

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

### Technical Specifications

Head	: 6-24 meters
Discharge	: 2700- 450 LPH
Power rating	: 0.37 kW (0.5 HP)
Voltage Range	: 180-240 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	24	28
STAR*	0.37	0.5	25	25	2.6	240	2700	2250	1890	1460	1080	600	450

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
STAR I	0.37	0.5	25	25	2.6	240	2700	2250	1890	1460	1080	600

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

# Product Catalogue



## TWINKLE



### Features

- Suction lift self priming
- Discharge upto 3150 litres per hour
- Total head 30 metres
- Thermal Overload Protector (TOP) prevents motor burning
- Motor of IP-44 protection and class 'B' insulation
- Withstands wide voltage fluctuation 180-240V
- Light weight 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	: Cast Iron
Mechanical Seal	: Carbon Ceramic

### Applications

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

### Technical Specifications

Power Rating	: 0.37 kW (0.5 HP)
Head Range	: 6-28 metres
Discharge Range	: 3150-880 LPH
Voltage Range	: 180-240 Volts

### Features

- Motor can withstand wide voltage fluctuations (180-240V).
- Self priming upto 7.5 meters
- Fitted with thermal overload protector (TOP) to prevent motor burning in case of high voltage drop.
- 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	: Stainless steel (EN8)

### Applications

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

### Technical Specifications

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

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
<b>CAPACITY IN LITRES PER HOUR</b>												
SUPERSTAR	0.37	0.5	25x25	3.4	230	3150	2680	2160	1650	1250	880	600

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
<b>DISCHARGE IN LITRES PER HOUR</b>										
Twinkle-0.5	0.37	0.5	25	25	3.4	210	2924	1927	1207	0
							10	21	31	44
Twinkle-1.0	0.75	1.0	25	25	4.5	230	3159	2215	1286	0

**Note:** Performance applicable to liquid of specific gravity 1 and viscosity as of water.

# Product Catalogue



## MINI 40S



### Features

- Withstand wide voltage fluctuations from 180 volts to 240 volts
- Self priming up to 7.5 metres
- Thermal Overload Protector (TOP) prevents motor burning
- Stainless steel shaft for avoiding rust problem
- Locked impeller resulting 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 of external lubrication
- Capacitor inside terminal box
- Single phase & Three phase availability

### Material of Construction

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

### Applications

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

### Technical Specifications

Head : 6-28 metres  
 Capacity : 3150-720 LPH  
 Power Rating : 0.37 kW (0.5 HP)  
 Voltage Range : 180-240 Volts-Single Phase  
 300-440 Volts-Three 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	1 Ø	3 Ø	1 Ø	3 Ø	6	10	14	18	22	26	28
MINI - 28S	0.37	0.5	25	25	3.4	1.3	210	415	3150	2745	2295	1845	1440	990	720

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	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 to liquid of specific gravity 1 and viscosity as of water.  
 Models available in Three Phase also.

## MINI 50S



### Features

- Withstands wide voltage fluctuations 180-240 V
- Self priming upto 7.5 metres
- Thermal Overload Protector (TOP), protects the motor from burning
- Chrome plated shaft for avoiding rust problem
- Motor of IP - 44 protection and class 'B' insulation
- Shielded ball bearings - no need of external lubrication
- Capacitor inside the terminal box
- 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, Farm-houses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for garden

### Technical Specifications

Head	: 10-50 metres
Capacity	: 3200 - 400 LPH
Power Rating	: 0.75 kW (1.0 HP)
Voltage Range	: 180-240 Volts-Single Phase 300-440 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	14	18	22	26	28	30	35	40	45	50
MINI 50S	0.75	1.0	25	25	6.5	2.0	230	415	3200	2960	2730	2430	2160	1980	1850	1500	1175	750	400

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	47	52
MEGA 54S	1.1	1.5	25X25		8.8	2.8	210	415	3960	3240	2520	1800	1080	360

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

## MEGA 54S

Single Phase Monobloc Pumps



### Features

- Designed for better performance in domestic applications
- Withstand wide voltage fluctuations from 180 to 240 Volts
- High suction lift upto 7.5 metres
- Thermal Overload Protector (TOP) prevents motor burning
- 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
- In Single as well as Three phase

### 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, Farm-houses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens
- Circulation of water in industries

### Technical Specifications

Power Rating	: 1.1kW (1.5 HP)
Head Range	: 10-52 metres
Discharge Range	: 3960-360 LPH
Voltage Range	: 180-240 Volts-Single Phase 300-440 Volts-Three Phase



# Product Catalogue



### Features

- Withstand wide voltage fluctuations from 180 to 255 volts
- Self Priming suction lift upto 7.5 metres
- Thermal Overload Protector (TOP) prevents motor burning
- High quality aluminium extruded motor body with chrome plated shaft
- TEFC capacitor start and run motor with IP-44 protection and class 'B' insulation
- Shielded ball bearings - No need of external lubrication
- Light weight pump for easy handling

### Material of Construction

Impeller : H.T. Brass  
 Casings : SS  
 Motor Body : Aluminium  
 Shaft : Chrome plated shaft

### Applications

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

### Technical Specifications

Head : 5-44 metres  
 Capacity : 3400-400 LPH  
 Power Rating : 0.18-0.75 kW  
 Voltage Range : 180 - 240 Volts - Single 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	8	10	12	14	16	18	
AQUAMAST	0.18	0.25	12	12	2.5	230	1600	1420	1275	1100	920	760	600	
AQUAMAST	0.37	0.50	12	12	2.6	240	2100	1680	1440	1200	960	720		
AQUAMAST	0.75	1.00	25	25	6.5	210	3400	2800	2200	1700	1200	800	400	

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEAD IN METRES										
	kW	HP	SUC	DEL			8	12	16	20	24	28	32	36	40	44	46
UT 0530+	0.37	0.5	25	25	4.5	225	3240	2770	2270	1620	940	-	-	-	-	-	
UT 140+	0.75	1	25	25	7	225	3540	3100	2880	2520	2230	2090	1690	1440	1080	790	690

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



### Features

- Withstand wide voltage fluctuations from 180 to 240 Volts
- Self Priming upto 7.5 metres suction lift
- TEFC motor with IP-44 protection and class 'B' insulation
- Double Shielded ball bearings - no need of external lubrication
- Robust construction and reduced noise level
- Bronze impeller locked on shaft
- **CED coated wetted components for long life & rust free operation. Better preventing against rust**
- More hygienic & potable for drinking water

### Material of Construction

#### Standard Supply

Impeller : Bronze  
 Casings : Cast Iron  
 Motor Body : Cast Iron  
 Shaft : Carbon Steel

### Applications

- Water supply for domestic use in Bungalows, Apartments, Hotels, Hospitals, Farm-houses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens
- Circulation of water in industries
- Curing with clear water at construction sites

### Technical Specifications

Head : 8-46 metres  
 Capacity : 690-3540 LPH  
 Power Rating : 0.37 kW-0.75 kW (0.50 HP-1.0 HP)  
 Voltage Range : 180-240V single phase

## KSW

### SHALLOW WELL PUMPS



#### Features

- Suitable for high head application
- Self priming up to 8 meters at mean sea level
- Designed for high efficiency in wide range of operation
- Fitted with Thermal Overload Protector (TOP) to prevent motor burning
- Suitable to withstand wide voltage 180 to 240 V
- Non overloading power characteristics
- Aluminum motor body
- Provided with handle Ease in handling

#### Technical Specifications

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

#### Applications

- Residential bungalows, Hotel.
- Storage Water Tanks.
- Small Farms.
- Lawns and Gardens.
- General Industries.
- Water Circulating Systems
- Car washing
- Fountains.

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEAD IN METRES							
	kW	HP	SUC	DEL			5	10	15	20	25	30	35	40
							<b>DISCHARGE IN LITRES PER HOUR</b>							
KSW-05	0.37	0.5	25	25	-	230	3300	3120	2820	2400	1980	1500		
KSW-10	0.75	1.0	25	25	-	230			3600	3300	2400	1800	900	300

**Note:** Performance applicable to liquid of specific gravity 1 and viscosity as of water.

# Product Catalogue



### Features

- Withstand wide voltage fluctuations from 180 to 240 Volts and from 120 to 220 V for DC 5M
- Suction lift upto 7.5 metres
- Models are with IP - 44 protection
- Class 'B' insulation
- Designed to prevent overloading and motor burning
- Dynamically balanced rotating parts ensure minimum vibrations
- Replaceable wearing parts and hence longer life
- Designed for automatic air release during priming
- **CED coated wetted components for long life & rust free operation**
- More hygienic & potable for drinking water

### Material of Construction

#### Standard Supply

Impeller : Cast Iron (Noryl for DC 4M)  
 Delivery Casing : Cast Iron  
 Motor Body : Cast Iron  
 Shaft : Carbon Steel

### Applications

- Water supply for domestic use in Apartments, Buildings and Hotels
- Water supply for fountains, sumps and water tanks
- Gardening and small farm irrigation

### Technical Specifications

Head : 8-25 metres  
 Capacity : 6660-900 LPH  
 Power Rating : 0.37 kW-0.55 kW (0.50 HP-0.75 HP)  
 Voltage Range : 180 - 240 Volts

# DCOM



### Features

- Wide voltage range 180-240V to withstand voltage fluctuations.
- IP-44 Protection.
- 'B' class insulation
- All hydraulic parts are CED coated for rust free longer life.

### Material of Construction

Impeller : Cast Iron  
 Delivery Casing : Cast Iron  
 Motor Body : Cast Iron  
 Shaft : Carbon steel

### Applications

- Water supply for domestic use in Apartments, Buildings, Hotels and all other residential avenues.
- Water supply for water tanks, sumps and fountains
- Gardening and small farm irrigation.

### Technical Specifications

Head Range : 8 – 15 meters  
 Discharge : 5400 – 720 LPM  
 Power rating : 0.37kW / 0.5HP  
 Voltage Range : 180-240 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			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
<b>DISCHARGE IN LITRES PER HOUR</b>																									
DC-1M*	0.37	0.5	25	25	3.4	210	6660	6340	5940	5330	5040	4460	3780	3060	2340	1730	900								
DC-3M	0.37	0.5	25	25	3.4	210								3600	3170	2700	2160	1620	1010						
DC-4M	0.55	0.75	25	25	4.8	210						5760	5540	5340	5040	4860	4680	4460	4180	3890	3600	3240	2880	2160	
DC-5M	0.55	0.75	40	40	5.1	200		16560	14490	11250	6408														

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEAD IN METRES							
	kW	HP	SUC	DEL			15	14	13	12	11	10	9	8
<b>DISCHARGE IN LITRES PER HOUR</b>														
DCOM	0.37	0.5	25	25	3.4	210	720	2160	2520	3240	3960	4320	4680	5400



# Product Catalogue

## GENEXT

Single Phase Monobloc Pump



### Features

- Can withstand wide voltage fluctuations :  
From 180 - 240 Volts (For Single phase)
- Suction lift up to 7.5 metres
- Top flat efficiency curve : minimum variation in efficiency in entire operating range
- Designed to prevent overloading and motor burning
- Models are with IP - 44 protection
- Class 'B' insulation
- Capacitor Inside terminal box
- Fitted with shield ball bearing-lubricated for life
- Dynamically balanced rotating parts ensure minimum vibration
- Replaceable wearing parts and hence longer life
- Designed for automatic air release during priming
- **CED coated wetted components for long life & rust free operation**
- More hygienic & potable for drinking water

### Material of Construction

#### Standard Supply

Impeller	: Cast Iron
Delivery Casing	: Cast Iron
Motor Body	: Cast Iron
Shaft	: Carbon Steel

### Applications

- Gardening and small farm irrigation
- Industries for clear water handling
- Water supply for domestic use in Apartments, Buildings and Hotels

### Technical Specifications

Head	: 6-38 metres
Capacity	: 6.9-0.4 LPS
Power Rating	: 0.37 kW-0.75 kW (0.5 HP-1.0 HP)
Voltage Range	: 180-240 V

### Performance under standard test conditions

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEADS IN METRES															
	kW	HP	SUC	DEL			6	8	10	12	14	16	18	20	22	24	26	28	30	32	36	38
<b>DISCHARGE IN LITRES PER SECOND</b>																						
GMC-0510	0.37	0.5	50	40	-	210	3.37	2.62	0.94													
GMC-112	0.75	1.0	50	50	6.5	210	6.9	5.5	3.9	2.0												
GMC-116	0.75	1.0	50	40	6.5	210	5.35	5.0	4.63	4.2	3.62	3.0	2.0									
GMC-123	0.75	1.0	32	25	6.5	210			4.0	3.6	3.2	2.65	2.2	1.6	0.9							
GMC-128	0.75	1.0	50	40	6.5	210					1.9	1.82	1.72	1.57	1.37	1.1	0.77	0.4				
GMC-134	0.75	1.0	25	25	6.5	210						1.66	1.59	1.5	1.38	1.24	1.06	0.87	0.66	0.4		

**Note:** Performance applicable to liquid of specific gravity 1 and viscosity as of water.  
GMC-128 can also be supplied with pipe size 25x25 mm and 40x40 mm.

**KDS+**  
Single Phase Monobloc Pumps



### Features

- Can withstand wide voltage fluctuation : From 180- 240 Volts
- Suction lift upto 7.5 metres
- Top flat efficiency curve : minimum variation in efficiency in entire operating range
- Efficiency at par with internationally available pumps higher upto 10 points than minimum required by Indian Standards specifications
- Models are with IP-44 protection
- Class 'B' insulation
- Thermal Overload Protection (TOP) to prevent against overload & motor burning.
- Dynamically balanced rotating parts ensure minimum vibrations
- Replaceable wearing parts and hence longer life
- Designed for automatic air release during priming
- **CED coated wetted components for long life & rust free operation**
- More hygienic & potable for drinking water

### Material of Construction

#### Standard Supply

Impeller	: Cast Iron
Delivery Casing	: Cast Iron
Motor Body	: Cast Iron
Shaft	: Carbon Steel
Shaft Sleeve	: Bronze

### Applications

- Gardening and small farm irrigation
- Industries for clear water handling
- Water supply for domestic use in Apartments, Buildings and Hotels

### Technical Specifications

Head	: 6-38 metres
Capacity	: 6.9-0.4 LPS
Power Rating	: 0.35 kW-0.75 kW (0.5 HP-1.0 HP)

### Performance under standard test conditions

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEADS IN METRES															
	kW	HP	SUC	DEL			6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
<b>DISCHARGE IN LITRES PER SECOND</b>																						
KDS-0510	0.37	0.5	50	40	3.4	210	3.37	2.62	0.94													
KDS-112*	0.75	1.0	50	50	6.5	210	6.9	5.5	3.9	2.0												
KDS-116*	0.75	1.0	50	40	6.5	210	5.35	5.0	4.63	4.2	3.62	3.0	2.0									
KDS-123*	0.75	1.0	32	25	6.5	210			4.0	3.6	3.2	2.65	2.2	1.6	0.9							
KDS-128*	0.75	1.0	50	40	6.5	210					1.9	1.82	1.72	1.57	1.37	1.1	0.77	0.4				
KDS-134*	0.75	1.0	25	25	6.5	210						1.66	1.59	1.5	1.38	1.24	1.06	0.87	0.66	0.4		

**Note:** Performance applicable to liquid of specific gravity 1 and viscosity as of water. • KDS-128+ can also be supplied with pipe size 25x25 mm and 40x40 mm. • All pumpsets are ISI marked except KDS-0510+, KDS-112, KDS- 123, KDS-134.

# Product Catalogue

## KOS N

Openwell Submersible Pumps



### Features

- Designed for underwater applications No need of priming and foot valve
- Easy installation - Foundation and installation platform not required
- Can withstand wide voltage fluctuations 160-260 Volts.
- Non overloading power characteristics - No fear of motor burning
- Dynamically balance rotating parts ensure minimum vibrations
- Replaceable wearing parts and hence longer life
- Easy maintenance and spares availability - Needs only one spanner for maintenance
- **CED coated wetted components for long life & rust free operation**
- More hygienic & potable for drinking water

### Applications

- Water supply for fountains, sump and water tanks
- Water supply for domestic use in Apartments, Buildings and Hotels
- Gardening and small farm irrigation

## KOS M

Openwell Submersible Pumps



### Technical Specifications

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

### Material of Construction

#### KOS M

#### Standard Suply

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 : Both for 'KOS M' & 'KOS N' Models

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEADS IN METRES																
	kW	HP	SUC	DEL			8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	
<b>DISCHARGE IN LITRES PER SECOND</b>																							
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				1.54	1.4	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	4.5	4.3	4.0	3.6	3.1	2.2						

**Note** : Performance applicable to liquid of specific gravity 1 and viscosity as of water.

KOS-128 can also be offered in (50x40) and (40x40) mm Pipe size.

KOS M 1HP and above can be also available in three phase.

**KOS M / KOS N134 & 1.540 in with Noryl Impeller**

**KOS+M**  
Openwell Submersible Pumps



### Features

- Designed for underwater applications - No need of priming and foot valve
- Can also be used for out of water applications
- Easy installation - Foundation and installation platform for pump house not required
- Can withstand wide voltage fluctuations from 350-440 Volts
- Water shower arrangement for out of water applications
- Designed to prevent overloading and motor burning
- Dynamically balanced rotating parts to ensure minimum vibrations during running
- Replaceable wearing parts and hence longer life
- Easy maintenance and spares availability
- **CED coated wetted components for long life & rust free operation**
- More hygienic & potable for drinking water

### Material of Construction

#### Standard Supply

- Impeller : Cast Iron Delivery
- Delivery Casing : Cast Iron
- Motor Body : Cast Iron
- Shaft : Stainless Steel

### Applications

- Submerged pump in Fountains, Wells, Sumps and Water tanks
- Water supply for domestic use in high rise Apartments, Buildings and Hotels
- Gardening and sprinklers / conventional irrigation
- Industries, for clear water handling

### Technical Specifications

- Head : 6-64 metres
- Capacity : 32-2.1 LPS
- Power Rating : 2.2 kW-7.5 kW (3.0 HP-10.0 HP)

### Performance under standard test conditions

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEADS IN METRES															
	kW	HP	SUC	DEL			6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
<b>DISCHARGE IN LITRES PER SECOND</b>																						
KOS-314+M	2.2	3.0	80	80	5.5	415	19.0	17.5	15.5	13.2	9.0											
KOS-318+M	2.2	3.0	65	50	5.5	415		13.2	12.3	11.4	10.4	9.1	7.4									
KOS-325+M	2.2	3.0	65	50	5.5	415				8.8	8.4	7.9	7.5	6.9	6.3	5.6	4.7	3.2				
KOS-335+M	2.2	3.0	50	40	5.5	415							4.7	4.5	4.4	4.2	4.0	3.8	3.5	3.1	2.7	2.1
KOS-520+M	3.7	5.0	80	80	8.85	415		22.7	21.6	20.4	19.0	17.3	15.4	13.2	10.0							
KOS-527+M	3.7	5.0	80	65	8.85	415					14.9	14.2	13.5	12.6	11.6	10.3	8.8	6.4				
KOS-822+M	5.5	7.5	100	100	14.5	380				27.0	25.5	23.8	21.7	19.7	17.1	13.8						
KOS-830+M	5.5	7.5	80	65	14.5	380						18.9	18.0	17.2	16.2	15.2	14.0	12.4	10.1			
KOS-1030+M	7.5	10.0	100	100	19.5	380				32.0	31.0	29.8	28.5	27.0	25.2	23.4	20.9	17.9	13.2			
KOS-1040+M	7.5	10.0	80	65	19.5	380				21.0	20.6	20.4	20.0	19.5	19.0	18.6	18.0	17.2	16.5	15.5	14.5	13.4
										<b>24</b>	<b>28</b>	<b>32</b>	<b>36</b>	<b>40</b>	<b>44</b>	<b>48</b>	<b>52</b>	<b>56</b>	<b>60</b>	<b>64</b>		
KOS-538+M	3.7	5.0	65	50	9.0	415		7.8	7.0	5.8	4.0											
KOS-550+M	3.7	5.0	50	40	9.0	415				4.3	3.8	3.2	2.1									
KOS-844+M	5.5	7.5	65	65	14.5	380	10.7	10.2	9.3	8.2	6.5											
KOS-852+M	5.5	7.5	65	50	14.5	380			8.4	7.9	7.2	6.5	5.6	4.2								
KOS-1050+M	7.5	10.0	65	65	19.5	380	12.8	12.4	11.9	11.3	10.5	9.4	8.0	5.8								
KOS-1065+M	7.5	10.0	65	50	19.5	380				7.3	7.1	6.7	6.3	5.8	5.2	4.3						

**Note:** Performance applicable to liquid of specific gravity 1 and viscosity as of water.  
All Models are available in Metro Series with Rated Voltage as 415V.







## Features

### Pump

- Light weight and compact
- Non overloading power characteristics ensures trouble free operation in the entire operating range
- Can be installed with HDPE/UPVC/GI pipes
- Flatter efficiency curve ensures better performance in the entire operating range
- **Can also be installed horizontally / any direction**
- Easy to assemble and dismantle

### Motor

- Anti-friction bearings for axial / radial loads give better life to 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 pumpset
- Stator is easily rewindable
- Class 'F' insulation
- Wider voltage range : 160-240 Volts (1 Ph)
- Maximum starts / stops per hour : 30
- More hygienic & potable 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
- Farm houses , nurseries and gardening

## Technical Specifications

- Head : 8-60 metres
- Capacity : 100-30 LPM
- Rating : 0.37kW-0.75kW (0.50 HP-1.0 HP)
- Voltage Range : 160-240V Single Phase

## Performance under standard test conditions

Pipe Size : 25 mm

PUMP MODEL	POWER RATING		NO. of Stages	FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	DISCHARGE IN LITRES PER MINUTE								START & RUN CAPACITOR EATING (mfd)
	kW	HP				30	50	58	64	75	84	90	100	
<b>TOTAL HEAD IN METRES</b>														
KU3-0610S	0.37	0.50	10	4.4	220	30	27	25	23	20	17	13	8	25
KU3-0615S	0.55	0.75	15	6.0	220	45	40	38	35	30	26	20	13	36
KU3-0620S	0.75	1.02	20	7.8	220	60	54	50	46	40	34	26	16	45
KU3-0612S	0.75	1.02	12	7.8	220	36	32	30	28	24	20	16	10	45
KU3-0615S	0.75	1.02	15	7.8	220	45	40	38	35	30	25	20	13	45
KU3-0626	0.93	1.25	26		220	60	47	40	36	27				
KU3-0632	1.1	1.50	32		220	70	60	52	45	33				

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

# Product Catalogue



## Features

### Pump

- 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 increases the wear resistance
- NRV fitted in discharge outlet to prevent backflow
- Corrosion and abrasion resistant part
- Less vibration and lower noise level due to dynamic balancing of rotating parts
- Light in weight and compact in size makes it easy to install
- Can be installed with HDPE / UPVC / GI pipes
- **Can also be installed horizontally**

## Material of Construction

Pump Housing	: Stainless Steel
NRV	: Cast Iron
Suction Housing	: Cast Iron
DOL	: Cast Iron
Impellers	: Noryl
Diffusers	: Noryl
Strainer	: Stainless Steel
Diffuser Casing	: Stainless Steel



## Applications

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

## Technical Specifications

Head	: 8-248 metres
Capacity	: 180-5 LPM
Rating	: 0.37 kW-1.5 kW (0.50 HP-2.0 HP)
Voltage Range	: 150-240V Single Phase

## Motor

### Oil Filled Motor : Fitted with Double Ball Bearing

- Anti-friction bearings for axial / radial loads give better life to 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 pumpset
- Stator is easily rewindable
- Insulation : Class 'F'
- Wider voltage range : Single Phase 150V-240V (Rated Voltage 200V)
- Maximum starts / stops per hour : 30

## Performance under standard test conditions

### SERIES KU4-02 PIPE SIZE: 32mm

PUMP MODEL	POWER RATING		DISCHARGE IN LPM					
	HP	kW	5	10	15	20	25	30
<b>TOTAL HEAD IN METRES</b>								
KU4-0214 S	0.50	0.37	69	64	57	48	42	30
KU4-0221 S	0.75	0.55	102	95	86	73	63	44
KU4-0224 S	1.02	0.75	117	109	99	84	73	51
KU4-0228 S	1.02	0.75	136	127	115	98	85	60
KU4-0234 S	1.5	1.1	164	154	139	116	100	70
KU4-0240 S	1.5	1.1	192	180	164	138	119	83

### SERIES KU4-07 PIPE SIZE: 32mm

PUMP MODEL	POWER RATING		DISCHARGE IN LPM					
	HP	kW	15	30	45	60	75	90
<b>TOTAL HEAD IN METRES</b>								
KU4-0704 S	0.50	0.37	28	25	23	20	15	8
KU4-0707 S	0.75	0.55	50	44	40	34	26	16
KU4-0708 S	1.02	0.75	57	50	46	39	30	18
KU4-0709 S	1.02	0.75	60	57	52	44	33	22
KU4-0713 S	1.50	1.10	88	82	74	64	48	29
KU4-0718 S	2.00	1.50	120	113	103	88	66	40
KU4-0722 S	2.50	1.90	132	127	120	107	90	86
KU4-0727 S	3.00	2.20	179	170	155	132	100	60

### SERIES KU4-03 PIPE SIZE: 32mm

PUMP MODEL	POWER RATING		DISCHARGE IN LPM						
	HP	kW	10	15	20	25	30	35	45
<b>TOTAL HEAD IN METRES</b>									
KU4-0307 S	0.50	0.37	44	42	39	36	32	28	17
KU4-0310 S	0.75	0.55	62	60	56	51	46	40	24
KU4-0311 S	1.02	0.75	70	65	62	57	51	44	26
KU4-0314 S	1.02	0.75	86	83	79	72	65	55	33
KU4-0318 S	1.50	1.10	111	107	101	93	83	72	43
KU4-0321 S	1.50	1.10	130	125	118	108	97	84	50
KU4-0328 S	2.00	1.50	172	167	157	144	129	112	67
KU4-0334 S	2.50	1.90	210	202	191	175	157	136	80
KU4-0340 S	3.00	2.20	248	238	225	206	185	160	96

### SERIES KU4-15 PIPE SIZE: 50mm

PUMP MODEL	POWER RATING		DISCHARGE IN LPM				
	HP	kW	60	90	120	150	180
<b>TOTAL HEAD IN METRES</b>							
KU4-1504 S	0.75	0.55	23	21	18	13	8
KU4-1505 S	1.02	0.75	29	26	22	17	10
KU4-1507 S	1.50	1.10	40	37	31	24	14
KU4-1509 S	2.00	1.50	51	47	40	30	18
KU4-1512 S	2.50	1.90	68	62	52	40	24
KU4-1512 S	3.00	2.20	68	62	52	40	24
KU4-1514 S	3.00	2.20	80	73	62	47	28



## • The only pump Fitted with Mechanical seal in India.

### Features

#### Pump

- Low power consumption
- Designed for optimum efficiency
- Corrosion and abrasion resistance part
- Less vibration and lower noise level due to dynamic balancing of rotating parts
- Light in weight and compact in size makes it easy to install
- Can be installed with HDPE / UPVC / GI pipes
- **Can be fitted horizontally also**

### Material of Construction

Pump Housing	: Stainless Steel
NRV	: Cast Iron
Suction Housing	: Cast Iron
DOL	: Cast Iron
Impellers	: Noryl
Diffusers	: Noryl
Strainer	: Stainless Steel
Diffuser Casing	: Stainless Steel



### Applications

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

### Technical Specifications

Head	: 7-178 metres
Capacity	: 10-400 LPM
Rating	: 0.37 kW-2.2 kW (0.5 HP-3 HP)
Voltage Range	: 16 0-240V Single Phase

### Motor

#### Water Filled Motor

- Motor can withstand upto wide voltage range 160-240 V for 1 phase and 280 - 440 V in 3 phase
- SS Motor body
- Better rewindibility of motor
- Shaft extension according to NEMA
- Less vibration and lower noise level due to dynamic balancing of rating parts
- More hygienic & potable for drinking water
- Fitted with mechanical seal

### SERIES - KS4A 50Hz, 2 Pole PIPE SIZE: 32mm(1.25")

STAGE	PUMP MODEL	POWER RATING		DISCHARGE IN LPM							
		kW	HP	0	10	14	18	22	26	30	35
<b>TOTAL HEAD IN METRES</b>											
7	KS4A-0507	0.37	0.5	49	44	42	39	36	33	29	23
10	KS4A-0810	0.55	0.75	69	63	60	56	51	47	41	33
14	KS4A-1014	0.75	1		88	84	18	72	66	58	46
16	KS4A-1016	0.75	1	111	100	96	89	82	75	66	53
20	KS4A-1520	1.1	1.5	139	120	120	111	103	94	83	66
25	KS4A-2025	1.5	2	173	153	150	139	129	118	104	83

### SERIES - KS4B 50Hz, 2 Pole PIPE SIZE: 32mm(1.25")

STAGE	MODEL NAME	POWER RATING		DISCHARGE IN LPM							
		kW	HP	0	16	20	25	30	35	40	45
<b>TOTAL HEAD IN METRES</b>											
5	KS4B-0505	0.37	0.5	35	31	29	28	26	23	21	17
8	KS4B-0808	0.55	0.75	56	49	47	44	42	37	34	27
10	KS48-1010	0.75	1	70	62	59	55	52	46	42	34
11	KS413-1011	0.75	1	77	68	64	61	57	51	46	37
12	KS4B-1012	0.75	1	84	74	70	66	62	55	50	41
14	KS4B-1514	1.1	1.5	98	86	82	77	73	64	59	48
15	KS48-1515	1.1	1.5	105	92	88	83	78	69	63	51
20	KS48-2020	1.5	2	140	123	117	110	104	92	84	68
30	KS413-3030	2.2	3	210	185	176	165	156	138	126	102

### SERIES - KS4C 50Hz, 2 Pole PIPE SIZE: 32mm(1.25")

STAGE	MODEL NAME	POWER RATING		DISCHARGE IN LPM							
		kW	HP	0	25	30	40	46	52	59	70
<b>TOTAL HEAD IN METRES</b>											
9	KS4C-1009	0.75	1	79	65	62	54	49	43	31	15
12	KS4C-1512	1.1	1.5	106	87	83	72	65	57	41	20
16	KS4C-2016	1.5	2	141	116	110	96	86	76	54	27
22	KS4C-3022	2.2	3	194	160	151	132	119	105	75	37
24	KS4C-3024	2.2	3	212	175	165	144	130	115	81	40

# Product Catalogue

**SERIES - KS4D** 50Hz, 2 Pole PIPE SIZE: 32mm(1.25")

STAGE	MODEL NAME	POWER RATING		DISCHARGE IN LPM							
		kW	HP	01	40	45	50	60	66	72	78
<b>TOTAL HEAD IN METRES</b>											
6	KS4D-0806	0.55	0.75	50	41	39	38	32	29	27	22
7	KS4D-1007	0.75	1	58	48	46	44	37	34	31	26
8	KS4D-1008	0.75	1	66	54	52	50	42	39	35	30
10	KS4D-1510	1.1	1.5	83	68	65	63	53	49	44	37
11	KS4D-1511	1.1	1.5	91	75	72	69	58	53	49	41
13	KS4D-2013	1.5	2	108	88	85	82	69	63	58	48
14	KS4D-2014	1.5	2	116	95	91	88	74	68	62	52
15	KS4D-2015	1.5	2	125	102	98	94	80	73	66	56
19	KS4D-3019	2.2	3	158	129	124	119	101	92	84	70
20	KS4D-3020	2.2	3	166	136	130	126	106	97	89	74

**SERIES - KS4E** 50Hz, 2 Pole PIPE SIZE : 38mm(1.5")

STAGE	PUMP MODEL	POWER RATING		DISCHARGE IN LPM							
		kW	HP	0	105	125	135	150	175	190	205
<b>TOTAL HEAD IN METRES</b>											
4	KS4E-0804	0.55	0.75	30	26	25	23	21	20	19	15
5	KS4E-0805	0.55	0.75	38	33	31	29	27	25	24	19
6	KS4E-1006	0.75	1.0	45	39	37	35	32	29	28	23
9	KS4E-1509	1.1	1.5	68	59	56	52	48	44	42	34
11	KS4E-2011	1.5	2.0	83	72	58	64	58	54	52	42
12	KS4E-2012	1.5	2.0	90	78	74	70	64	59	56	46
17	KS4E-3017	2.2	3.0	128	111	105	99	90	83	80	65

**SERIES - KS4F** 50Hz, 2 Pole PIPE SIZE : 38mm(1.5")

STAGE	PUMP MODEL	POWER RATING		DISCHARGE IN LPM							
		kW	HP	0	60	70	80	100	115	125	135
<b>TOTAL HEAD IN METRES</b>											
5	KS4F-1005	0.75	1.0	39	33	32	30	26	20	17	14
8	KS4F-1508	1.1	1.5	62	53	51	48	41	32	26	22
10	KS4F-2010	1.5	2.0	78	66	64	60	51	40	33	28
15	KS4F-3015	2.2	3.0	117	99	96	90	77	60	50	42

**SERIES - KS4G** 50Hz, 2 Pole PIPE SIZE : 50mm(2")

STAGE	PUMP MODEL	POWER RATING		DISCHARGE IN LPM							
		kW	HP	0	105	125	135	150	175	190	205
<b>TOTAL HEAD IN METRES</b>											
4	KS4G-1004	0.75	1.0	26	21	19	18	16	14	12	9
6	KS4G-1506	1.1	1.5	38	32	28	26	24	21	17	14
8	KS4G-2008	1.5	2.0	51	42	38	35	32	28	23	18
11	KS4G-3011	2.2	3.0	70	58	52	48	44	38	32	25
12	KS4G-3012	2.2	3.0	77	63	56	53	48	41	35	27

**SERIES - KS4H** 50Hz, 2 Pole PIPE SIZE : 50mm(2")

STAGE	PUMP MODEL	POWER RATING		DISCHARGE IN LPM							
		kW	HP	0	200	250	300	333	350	380	400
<b>TOTAL HEAD IN METRES</b>											
3	KS4H-1003	0.75	1.0	17	13	12	11	10	9	8	7
5	KS4H-1505	1.1	1.5	28	21	19	18	16	15	13	11
6	KS4H-2006	1.5	2.0	33	26	23	21	20	17	15	14
8	KS4H-3008	2.2	3.0	44	34	31	28	26	23	20	18
9	KS4H-3009	2.2	3.0	50	38	35	32	29	26	23	20



CAPACITOR RATING		
kW/HP	STARTING CAPACITOR mfd	RUNNING CAPACITOR mfd
0.37 / 0.50	100 - 150	25
0.55 / 0.75	100 - 150	36
0.75 / 1.0	120 - 150	36
1.10 / 1.50	150 - 200	45
1.50 / 2.0	150 - 200	56
2.20 / 3.0	200 - 250	72
3.0 / 4.0	200 - 250	100
3.70 / 5.0	200 - 250	125

## HI-LIFTER



### NEW AGE SOLUTION FOR HIGH-PRESSURE HYGIENIC LIFTING OF WATER

Made of high quality engineering materials like stainless steel, aluminum and industrial plastic, it is exclusively designed to develop high pressure for lifting water up to 7-8 floors.

#### Features

- Corrosion, erosion and rust-free, maintains water hygienic & safe for drinking.
- Suitable for lifting water to greater heights with higher pressure
- Dynamically balanced rotating components for consistent performance
- Thermal overload protector to prevent motor burning
- Self-priming with elegant looks
- Ready for conversion into a new generation pressure boosting system
- High suction lift of 8.5 meter
- More hygienic & potable for drinking water.
- Ability to handle muddy water (Upto 3 mm) – HL 23 and HL 52 SP.

#### Applications

- Lifting water to apartments and bungalows
- Pumping water from deeper well and tanks
- Suitable for pressure boosting system

#### Material of Construction

Pump casing	: Stainless Steel
Motor Body	: Aluminum Die Cast
Impeller	: Engineering Plastic / Stainless Steel
Diffuser	: Engineering Plastic
Shaft	: Steel

#### Motor

Induction Motor	: 2900 rpm
Insulation	: Class B
Protection	: IP44
Rated Voltage	: 220 V

Model	Rating		Discharge in Litre per Minute						
	kW	HP	50	43	40	38	31	1	
			Total Head in Meters						
HL-52 SP	1.1	1.5	12	24	36	48	60	72	

Pipe Size : 32 mm (Suction) x 25 mm (Delivery)

Model	Rating		Total Head in Meters																									
	kW	HP	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	5	3		
			Discharge in Litre per Minute																									
HL23	0.37	0.5																8	10	13	16	20	25	30	40	50		
HL35	0.3	0.4								2	4	7	9	12	15	19	24	36	42	45	46	48	49					
HL37	0.37	0.5								2	3	7	11	17	18	24	30	37	42	45	48	49	51	52				
HL42	0.6	0.8						3	7	12	18	24	28	33	36	39	42	45	46	48	50	51	52	54				
HL32MS	0.75	1										16	27	36	44	48	53	57	60	63	66	70	73					
HL42MS	1.1	1.5					6	18	24	30	36	42	45	48	51	54	57	60	63	66	69	72	75	78				
HL52MS	1.1	1.5	12	21	27	32	36	41	44	48	51	54	56	59	62	63	65	67	69	71	72	74						

Pipe Size : 25 mm (Suction) x 25 mm (Delivery)

## SHOWER JOY Pressure Booster System



### Features:

- Constant and uniform pressure supply in pipeline
- Auto ON & OFF when tap is operated
- Give uniform pressures on all floors in multi-storey, building and apartment.
- Robust, rust-free and user-friendly.
- Ready to use.
- Available in stainless steel body.

### Applications:

- To supply water from sumps/overhead tank to intermittent and variable demand to get uniform water pressure.
- To supply water from overhead tank to intermittent and variable demand to get uniform pressure at every floor.

### Broad Application Areas:

- Multi-storey Buildings
- Hotel
- Lawn and gardening
- Clubs
- Bungalow
- Industries
- Garages
- Hospitals

### Material of Construction:

Pump body	: Stainless Steel
Impeller	: Engineering Plastic / Stainless Steel
Shaft	: Steel

### Motor

Induction Motor	: 2900 rpm
Insulation	: Class B
Protection	: IP44
Rated Voltage	: 220 V

## SHOWER JOY INLINE Pressure Booster System



### FEEL THE JAZZ OF THE FORCE

Have that waterfall like bathing experience without changing your plumbing lines. A compact drum motor design makes installation easy and auto on/off operation eliminates the need of pressing switches.

### Features

- Easy to install, hence convenient for existing piping / construction
- Saves energy, as it boosts pressure only at the point of use
- Consumes hardly any power
- No extra space required
- Operates automatically
- Noiseless operation
- Three levels of pressure adjustment to suit different applications

### Material of Construction

Pump Casings	: Cast Iron
Motor Body	: Cast Iron
Impeller	: Engineering Plastic
Shaft	: Steel

### How it will serve you

- Boosts the performance of precious showers, mixers & taps
- Enhances the required water pressure

### Technical Specifications

Head Range	: 3-6 metres
Discharge Range	: 24-9 lpm
Power Rating	: 0.09 kW/0.12 HP
Rated Voltage	: 220 V

STAGE	Shower Joy-PBS	kW/HP	Tank Size (litres)	Head Range (m)	Discharge Range(lpm)	No. of Outlets(Taps) Approximate	Min. & Max. Pressure Setting(kg/cm <sup>2</sup> )
MULTISTAGE	SJ-72824MS	0.75/1.0	24	28 - 15	35 - 65	7	1.4 - 2.8
	SJ-83224MS	1.1/1.5	24	40 - 15	30 - 72	8	1.8 - 3.2
	SJ-63824MS	1.1/1.5	24	45 - 28	36 - 60	6	1.8 - 3.8
SINGLE STAGE	SJ-42420	0.37/0.5	20	15 - 10	24 - 40	4	1.4 - 2.4
	SJ-32820	0.55/0.75	20	30 - 10	09 - 40	3	1.4 - 2.8
	SJ-52820	0.75/1.0	20	25 - 15	30 - 48	5	1.4 - 2.8
	SJ-42820	1.1/1.5	20	39 - 20	10 - 40	4	1.4 - 2.8
	SJ-53220	1.1/1.5	20	37 - 20	24 - 48	5	1.8 - 3.2

Pipe Size : 25 mm (Suction) X 25 mm (Delivery)

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### BHUBANESWAR

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