STANDARD MACHINERY

PRODUCT DATASHEET

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KJI Hydro 4"KSE-25-4T Submersible Sewage Pump 25 HP – 4 Inch, 634 GPM @ 98 ft, 460 V, Imported, Refurbished & Tested

KJI HYDRO

SKU
SM-SUB-KJI-4KSE-25HP

CATEGORY
Industrial Pumps

● In Stock

PRICE (USD)

$1,500.00 ~~$1,900.00~~

* Prices are exclusive of GST and subject to change without notice.

Chat on WhatsApp

Use WhatsApp for pricing and availability with the product details pre-filled.

- ✓ KJI Hydro 4"KSE-25-4T submersible pump, made in Korea
- ✓ 25 HP (approx. 18.6 kW) three phase motor, 230/460 V, 60 Hz
- ✓ Rated 634 GPM (1.44 lakh LPH) at 98 ft (30 m) head
- ✓ 4 inch flanged discharge on cast iron volute
- ✓ 1750 RPM slow-speed design for sewage and solids
- ✓ IP68 submersible motor with Class H insulation
- ✓ Maximum liquid temperature 40 °C
- ✓ Imported, refurbished and tested before dispatch

Technical Specifications

Manufacturer	KJI Hydro
SKU	SM-SUB-KJI-4KSE-25HP
Model	4"KSE-25-4T
Product Type	Submersible Sewage Pump
Country of Manufacture	Korea

Condition	Imported, Refurbished & Tested
Motor Power	25 HP
Motor Power	18.6 kW
Phase	3 Phase
Voltage	230 / 460 V
Frequency	50/60 Hz
Full Load Current (460 V)	31 A
Full Load Current (460 V)	62 A
Insulation Class	H
Enclosure	IP68
Speed (60 Hz)	1750 RPM
Rated Flow	634 US GPM
Rated Flow	1.44 Lakh LPH
Rated Head	98 ft
Rated Head	30 m
Discharge Size	4 inch
Discharge Type	Flanged

Product Description

KJI Hydro 4"KSE-25-4T Submersible Pump – 25 HP, 634 GPM @ 98 ft

This is an **imported KJI Hydro submersible pump, model 4"KSE-25-4T**, from KJI Hydro of Chicago, Illinois, USA, **made in Korea**. It has a **25 HP (approx. 18.6 kW)** three phase motor and a **4 inch flanged discharge**, and is rated to deliver **634 GPM (approx. 1.44 lakh LPH) at 98 ft (approx. 30 m) head** at 60 Hz. It is supplied by Standard Machinery in **Imported, Refurbished & Tested** condition.

The motor is **IP68** rated for continuous submersion and uses **Class H insulation**, which handles higher winding temperatures than standard Class F motors. The heavy cast iron volute and slow 1750 RPM speed make this pump well suited to wastewater, sewage and drainage duty, where solids and grit are present.

Key Specifications

- **Brand / model:** KJI Hydro 4"KSE-25-4T
- **Origin:** KJI Hydro, Chicago, Illinois, USA; made in Korea
- **Type:** Submersible sewage / wastewater pump
- **Motor power:** 25 HP (approx. 18.6 kW)
- **Supply:** 3 phase, 60 Hz, 230 V / 460 V (dual voltage)
- **Full load current:** 62 A at 230 V; 31 A at 460 V
- **Locked rotor current:** 341 A at 230 V; 171 A at 460 V

- **Power factor:** 81.1%
- **Speed:** 1750 RPM at 60 Hz
- **Rated duty point (60 Hz):** 634 GPM (approx. 144 m³/hr / 1.44 lakh LPH) at 98 ft (approx. 30 m)
- **Discharge:** 4 inch flanged
- **Insulation:** Class H
- **Enclosure:** IP68
- **Maximum liquid temperature:** 104 °F (40 °C)
- **Handling:** Steel lifting handle; rotation direction plate fitted
- **Condition:** Imported, Refurbished & Tested

Applications

- Sewage lift stations and wet wells
- Sewage and effluent treatment plant transfer pumping
- Industrial wastewater and process drainage
- Storm water and flood drainage pits
- Building, township and hospital sewage sumps
- Dewatering where moderate head and good flow are needed

Industries Served

- Municipal water and sewerage bodies
- STP and ETP contractors and operators
- Food, textile, chemical and process industries
- Real estate, hospitals and large campuses
- Infrastructure and drainage contractors
- Ports and industrial estates

Why Buy from Standard Machinery

- **Clear, verified ratings:** Original KJI Hydro nameplate with full pump and motor data
- **Class H, IP68 motor:** Built for continuous submerged duty
- **Imported industrial equipment:** Sourced from the Alang Ship Breaking Yard and refurbished in Bhavnagar, Gujarat
- **Tested before dispatch:** Each pump is checked and run before it leaves our facility
- **Experience since 2008:** Supplying pumps, motors, winches and electrical panels to industrial buyers
- **Pan-India and export supply:** Dispatch across India and to buyers in Africa, the Middle East and Southeast Asia

Voltage & Power Note

The nameplate rates this pump **3 phase, 60 Hz, 230 V / 460 V**. It is a direct match for 460 V or 440 V, 60 Hz supplies (in the 460 V connection), used on ships and in several export markets.

On an Indian **415 V, 50 Hz** supply, the motor is connected for the 460 V rating. Because it is a 60 Hz pump:

- Speed drops about 17%, to roughly 1450–1460 RPM
- By the pump affinity laws, the rated duty point shifts to roughly 1.2 lakh LPH at about 20 m (68 ft)
- Running current should be checked on test against the 31 A rating

For full rated performance, use a **VFD set to 60 Hz output**. A 25 HP motor needs a soft starter, star-delta starter or VFD, with overload, phase-failure and earth protection.

Safety Note

- The original nameplate is marked explosion-proof. As this is a **refurbished unit, it is not offered as explosion-proof**; the explosion-proof certification must be re-verified by an authorised body before any use in hazardous areas
- For sewage, wastewater and drainage water up to 40 °C; **not for oil, fuel, solvents or flammable liquids**
- Check rotation against the rotation plate before putting into service

- Lift only by the lifting handle using rated lifting gear, never by the power cable
- Always connect the earth conductor before use

Maintenance Tips

- Check the seal chamber oil at regular intervals; water in the oil indicates seal wear
- Inspect the impeller and volute for wear or clogging
- Check motor insulation resistance before installation
- Inspect the power cable and cable entry for damage
- Keep the wet well free of rags and heavy debris
- Check running current against the nameplate after installation

Frequently Asked Questions

What is the rated output of the KJI Hydro 4"KSE-25-4T?

The nameplate rates it at 634 GPM (approx. 1.44 lakh LPH) at 98 ft (approx. 30 m) head, at 1750 RPM on 60 Hz.

What is the motor power and supply?

It has a 25 HP (approx. 18.6 kW) three phase motor rated 230 V / 460 V, 60 Hz, with full load current of 62 A at 230 V and 31 A at 460 V.

What is the discharge size?

The discharge is 4 inch, flanged.

Will it work on Indian 415 V, 50 Hz supply?

Yes, connected for 460 V. It will run about 17% slower, giving roughly 1.2 lakh LPH at about 20 m. A VFD set to 60 Hz output restores full rated performance.

Is this pump explosion-proof?

The original nameplate is marked explosion-proof, but as a refurbished unit it is not offered as explosion-proof. Certification must be re-verified before any use in hazardous areas.

Where is KJI Hydro from?

The nameplate shows KJI Hydro, Chicago, Illinois, USA, with the pump made in Korea.

Do you export?

Yes. Standard Machinery supplies across India and exports to Africa, the Middle East and Southeast Asia. Contact us for export packing and shipping details.

Need a 25 HP 4 inch submersible pump for sewage or drainage? Contact Standard Machinery, Bhavnagar, Gujarat, at +91 88 6666 9293 / +91 73837 39400 or info@standardmachinery.store for price, photos and availability.

Compatibility

- Power supply: 3 phase, 60 Hz, 230 V or 460 V (dual voltage)
- Indian 415 V, 50 Hz: connect for 460 V; runs about 17% slower; VFD at 60 Hz output for full performance
- Full load current: 62 A at 230 V / 31 A at 460 V
- Starter: Soft starter, star-delta starter or VFD rated for 25 HP
- Protection: Overload, phase-failure and earth protection required
- Discharge: 4 inch flange; suits matching flange, duckfoot bend or guide-rail system
- Liquid: Sewage, wastewater and drainage water up to 40 °C
- Not suitable for: Oil, fuel, flammable liquids, or hazardous areas without Ex re-certification

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