

Flygt 3069 Submersible Grinder Pump 3.2 HP (2.4 kW) - High Head, 400/230 V 50 Hz, Made in Sweden, Imported, Refurbished & Tested

TSURUMI

SKU
SM-SUB-FLYGT-3069-GR-3HP

CATEGORY
Industrial Pumps

No Image Available

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In Stock

- ✓ Genuine Flygt 3069 submersible grinder pump, made in Sweden
- ✓ Cutter system shreds solids, rags and fibres before pumping
- ✓ High-head grinder version (impeller code 250)
- ✓ 2.4 kW (approx. 3.2 HP) motor, 400/230 V, 50 Hz
- ✓ S1 continuous duty, 2780 RPM
- ✓ IP68 to 20 m, insulation class F, thermal contacts
- ✓ Ideal for small-bore pressure sewer pipelines
- ✓ Imported, refurbished and tested before dispatch

Technical Specifications

Manufacturer	Tsurumi
SKU	SM-SUB-FLYGT-3069-GR-3HP
Model	3069.890
Serial Number	1830278
Impeller Code	250
Product Type	Submersible Grinder Pump
Origin	Sweden
Condition	Imported, Refurbished & Tested

Motor Output (P2)	2.4 kW
Motor Output (P2)	3.2 HP
Power Input (P1)	3 kW
Phase	3 Phase
Voltage (Star)	400 V
Voltage (Delta)	230 V
Frequency	50 Hz
Rated Current (400 V)	5.1 A
Rated Current (230 V)	8.8 A
Power Factor	0.86 cos φ
Duty	S1
Enclosure	IP68
Insulation Class	F
Speed	2780 RPM
Cutter System	Yes (Grinder)
Max Submergence	20 m
Max Liquid Temperature	40 °C
Discharge Type	Threaded

Product Description

Flygt 3069 Submersible Grinder Pump - 2.4 kW, High Head, Made in Sweden

This is an **imported Flygt 3069 submersible grinder pump** (nameplate 3069.890, impeller code 250), made in Sweden by Xylem Water Solutions. It is fitted with a **cutter (grinder) system** at the inlet: rotating cutter blades work against a cutting ring to shred solids, rags and fibres into fine particles before they enter the pump. It has a **2.4 kW (approx. 3.2 HP)** motor rated **400 V (star) / 230 V (delta), 3 phase, 50 Hz** for continuous (S1) duty. It is supplied by Standard Machinery in **Imported, Refurbished & Tested** condition.

Because the solids are ground down, the pump can push sewage through small-diameter pressure pipelines over long distances and up steep gradients, where gravity sewers are not practical. The impeller code 250 corresponds to Flygt's high-head grinder version of the 3069.

Key Specifications

- **Brand / model:** Flygt 3069 grinder pump (nameplate 3069.890)
- **Serial number:** 1830278
- **Impeller code:** 250 (high-head grinder)
- **Origin:** Made in Sweden, Xylem Water Solutions Global Services AB
- **Type:** Submersible grinder sewage pump with cutter system
- **Motor output (P2):** 2.4 kW (approx. 3.2 HP)

- **Power input (P1):** 3 kW
- **Voltage:** 400 V (star) / 230 V (delta), 3 phase
- **Frequency:** 50 Hz
- **Rated current:** 5.1 A at 400 V; 8.8 A at 230 V
- **Power factor (cos ϕ):** 0.86
- **Speed:** 2780 RPM
- **Duty:** S1 (continuous)
- **Enclosure / insulation:** IP68 to 20 m, class F, IEC 60034
- **Maximum liquid temperature:** 40 °C
- **Discharge:** Threaded outlet
- **Motor protection:** Thermal contacts in windings
- **Condition:** Imported, Refurbished & Tested

Applications

- Pressure sewer systems with small-bore pipelines
- Sewage pumping from individual buildings, villas and resorts
- Hospitals, hotels and restaurants with rags and fibrous waste
- Lifting sewage over long distances or steep gradients
- Marine, port and offshore sewage transfer
- Small lift stations where solids must be reduced before pumping

Industries Served

- Real estate, villas and resort developments
- Hospitals, hotels and commercial buildings
- Municipal pressure sewer projects
- STP and ETP contractors
- Ports, shipyards and marine facilities
- Plumbing and drainage contractors

Why Buy from Standard Machinery

- **Genuine Flygt grinder pump:** Made in Sweden, original nameplate
- **Cutter system:** Shreds solids for small-bore pressure pipelines
- **Ready for Indian power:** 400 V, 50 Hz rating, no rewinding or VFD needed
- **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
- **Pan-India and export supply:** Dispatch across India and to buyers in Africa, the Middle East and Southeast Asia

Voltage & Power Note

This pump is rated **400 V (star) / 230 V (delta), 3 phase, 50 Hz**. On standard Indian 415 V supply, connect in star, where the rated current is **5.1 A**. As stated on the nameplate, the **thermal contacts must be connected** to the control panel so the motor is switched off if it overheats. Use a DOL starter with overload relay, phase-failure protection and an earth connection.

Safety Note

- The original nameplate carries explosion-proof markings. 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 and waste water up to 40 °C; **not for oil, fuel, solvents or flammable liquids**
- Keep hands away from the cutter; disconnect power before inspecting or cleaning the grinder
- Do not install deeper than 20 m below the liquid surface
- Lift the pump only by its handle, never by the power cable

- Always connect the earth conductor before use

Maintenance Tips

- Inspect the cutter blades and cutting ring for wear; worn cutters reduce grinding performance
- Check the oil in the seal chamber regularly
- Test the thermal contact circuit during routine checks
- Clear any packed material from the inlet
- Check motor insulation resistance before installation
- Check running current against the 5.1 A rating after installation

Frequently Asked Questions

What is a grinder pump?

A grinder pump has a cutter system at the inlet that shreds solids, rags and fibres into small particles before pumping. This allows sewage to be pumped through small-diameter pressure pipes without blockage.

What are the motor ratings of this Flygt 3069?

The nameplate shows 2.4 kW, 400/230 V, 3 phase, 50 Hz, 5.1/8.8 A, 2780 RPM, S1 duty, IP68 and insulation class F.

Will it run on Indian 415 V supply?

Yes. Connected in star, it matches Indian 415 V, 50 Hz industrial supply directly.

Where is it made?

The nameplate states it is made in Sweden by Xylem Water Solutions Global Services AB.

Is this pump explosion-proof?

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

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 Flygt grinder pump for a pressure sewer or building sewage line? 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: 400 V (star) or 230 V (delta), 3 phase, 50 Hz
- Indian 415 V supply: connect in star; rated current 5.1 A
- Protection: Thermal contacts must be connected; overload, phase-failure and earth protection required
- Discharge: Threaded outlet, suitable for small-bore pressure pipelines
- Liquid: Sewage and waste water with solids and fibres, up to 40 °C
- Installation: Submersible up to 20 m depth
- Not suitable for: Oil, fuel, flammable liquids, or hazardous areas without Ex re-certification

Standard Machinery

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The information in this datasheet is provided for reference only. Specifications may change without prior notice.