STANDARD MACHINERY

PRODUCT DATASHEET

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Grundfos DWK.E.10.150.300.5.1D Submersible Dewatering Pump – 30 kW (40 HP), 75 m Head, DN150, Imported, Refurbished & Tested

GRUNDFOS

SKU
SM-SUB-GRF-DWK-30KW

CATEGORY
Industrial Pumps

● In Stock

Chat on WhatsApp

Request pricing and availability on WhatsApp with the product details pre-filled.

- ✓ Genuine Grundfos DWK.E.10.150.300.5.1D dewatering pump
- ✓ 30 kW (approx. 40 HP) motor, 400 V, 50 Hz, 3 phase
- ✓ Up to 75 m head and up to 43.3 l/s flow
- ✓ DN150 (6 inch) DIN PN10 flanged outlet
- ✓ Cast iron construction with enclosed impeller
- ✓ Motor cooling jacket for continuous duty
- ✓ Double mechanical seal, thermal sensor and seal sensor
- ✓ IP68 enclosure, insulation class F, up to 25 m submergence

Technical Specifications

Manufacturer	Grundfos
SKU	SM-SUB-GRF-DWK-30KW
Model	DWK.E.10.150.300.5.1D
Country of Manufacture	Korea
Condition	Imported, Refurbished & Tested
Rated Power P2	30 kW
Rated Power P2	40 HP
Power Input P1	35.2 kW

Phase	3 Phase
Voltage	400 (Δ) V
Frequency	50 Hz
Rated Current	59 A
Speed	2850 RPM
Enclosure	IP68
Insulation Class	F
Maximum Head	75 M
Maximum Flow	43.3 L/S
Maximum Flow	156 m^3/hr
Rated Flow	28 L/S
Rated Head	61.7 M
Outlet Size	DN150 (6 inch)
Outlet Connection	DIN Flange, PN10
Maximum Particle Size	10 MM
Max. Installation Depth	25 M
Pump Housing	Cast Iron
Impeller Type	Enclosed
Weight	452 KG

Product Description

Grundfos DWK.E.10.150.300.5.1D Submersible Dewatering Pump – 30 kW, 75 m Head

This is an **imported Grundfos DWK.E.10.150.300.5.1D submersible dewatering pump**, part of the Grundfos DWK range of contractor pumps built for dewatering and drainage. It has a **30 kW (40 HP) motor** for **400 V, 50 Hz, 3 phase** supply, a **DN150 (6 inch) flanged outlet**, and is rated for **up to 75 m head** and **up to 43.3 l/s flow**. It is supplied by Standard Machinery in **Imported, Refurbished & Tested** condition.

The pump has a solid **cast iron** construction with a vertical discharge and an **enclosed impeller** for high efficiency. A cooling jacket cools the motor using the pumped liquid. The pump is protected by a double mechanical seal with an extra lip seal against abrasives, a bi-metal thermal sensor against motor overheating, and a seal sensor that detects water entering the motor.

Key Specifications

- **Brand / type:** Grundfos DWK.E.10.150.300.5.1D
- **Origin:** Grundfos (Denmark), made in Korea

- **Motor power:** P2 30 kW (approx. 40 HP); P1 35.2 kW
- **Supply:** 3 phase, 400 V Δ, 50 Hz (Grundfos rating 380–415 V)
- **Rated current:** 59 A
- **Speed:** 2850 RPM
- **Maximum head:** 75 m (approx. 246 ft)
- **Maximum flow:** 43.3 l/s (approx. 156 m³/hr / 1.56 lakh LPH / 686 US GPM)
- **Rated duty point (Grundfos data):** 28 l/s (approx. 101 m³/hr) at 61.7 m head
- **Outlet:** DN150 (6 inch), DIN flange, PN10
- **Maximum particle size:** 10 mm
- **Maximum installation depth:** 25 m
- **Enclosure / insulation:** IP68, insulation class F
- **Weight:** 452 kg (approx. 996 lb)
- **Condition:** Imported, Refurbished & Tested

Applications

- Mine and quarry dewatering at high head
- Construction site and deep excavation dewatering
- Tunnel, shaft and underground drainage pits
- Storm water transfer and flood control
- Seepage and groundwater removal
- Permanent drainage pits in industrial plants

Industries Served

- Mining and quarrying
- Construction and infrastructure
- Tunnelling and metro projects
- Municipal drainage and flood relief
- Ports and dockyards
- Heavy industry with deep sumps

Why Buy from Standard Machinery

- **Genuine Grundfos pump:** Original Grundfos nameplate with full model code
- **Indian supply ready:** 400 V, 50 Hz rating matches Indian three phase power
- **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

This pump is rated **400 V Δ, 50 Hz, 3 phase, 59 A**, which suits standard Indian 415 V, 50 Hz industrial supply directly. A 30 kW motor needs a **soft starter or suitable reduced-voltage starter**, correctly sized cable, and protection against overload, phase failure and earth fault. Connect the pump's thermal sensor and seal sensor to the control panel so the pump trips on overheating or seal leakage.

Safety Note

- Pump water only, including water with sand and small solids up to 10 mm; **not for oil, fuel, solvents or flammable liquids**
- This refurbished unit is not offered as explosion-proof and must not be used in hazardous areas
- Do not install deeper than 25 m below the liquid surface
- The pump weighs 452 kg: lift only by the lifting eyes, using rated lifting gear, and 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
- Test the thermal sensor and seal sensor circuits during routine checks
- Inspect the impeller and wear parts if head or flow drops
- Keep the suction strainer clear of mud and debris
- Check motor insulation resistance before installation
- Inspect the power cable for cuts and damage before each use

Frequently Asked Questions

What is the power and supply of this Grundfos DWK pump?

It has a 30 kW (approx. 40 HP) motor rated 400 V Δ, 50 Hz, 3 phase, 59 A, which suits standard Indian industrial supply.

What head and flow does it deliver?

The nameplate shows a maximum head of 75 m and a maximum flow of 43.3 l/s. Grundfos lists the rated duty point as 28 l/s at 61.7 m head.

What is the outlet size?

The outlet is DN150 (6 inch) with a DIN PN10 flange.

Can it handle muddy or sandy water?

Yes. It is designed for dewatering and drainage, including water with sand and small solids up to 10 mm. It is not for oil or flammable liquids.

How deep can it be installed?

The maximum installation depth is 25 m below the liquid surface.

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 heavy-duty Grundfos dewatering pump for mining, construction or flood control? 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, 380–415 V, 50 Hz (suits Indian 415 V supply)
- Rated current: 59 A; size cable and protection accordingly
- Starter: Soft starter or suitable reduced-voltage starter for 30 kW
- Protection: Overload, phase-failure and earth protection; connect thermal and seal sensors
- Outlet: DN150 DIN flange, PN10
- Liquid: Water with sand and solids up to 10 mm, 0–40 °C
- Installation: Submersible, up to 25 m depth; temporary or permanent
- Not suitable for: Oil, fuel, solvents, flammable liquids or explosive atmospheres

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