



Submersible Dewatering Pump

MODEL

2DW

APPLICATIONS

Specifically designed to remove water from:

- Drainage ditches
- Trenches
- Basements
- Manholes
- Excavating drainage in the building trades

SPECIFICATIONS

Pump:

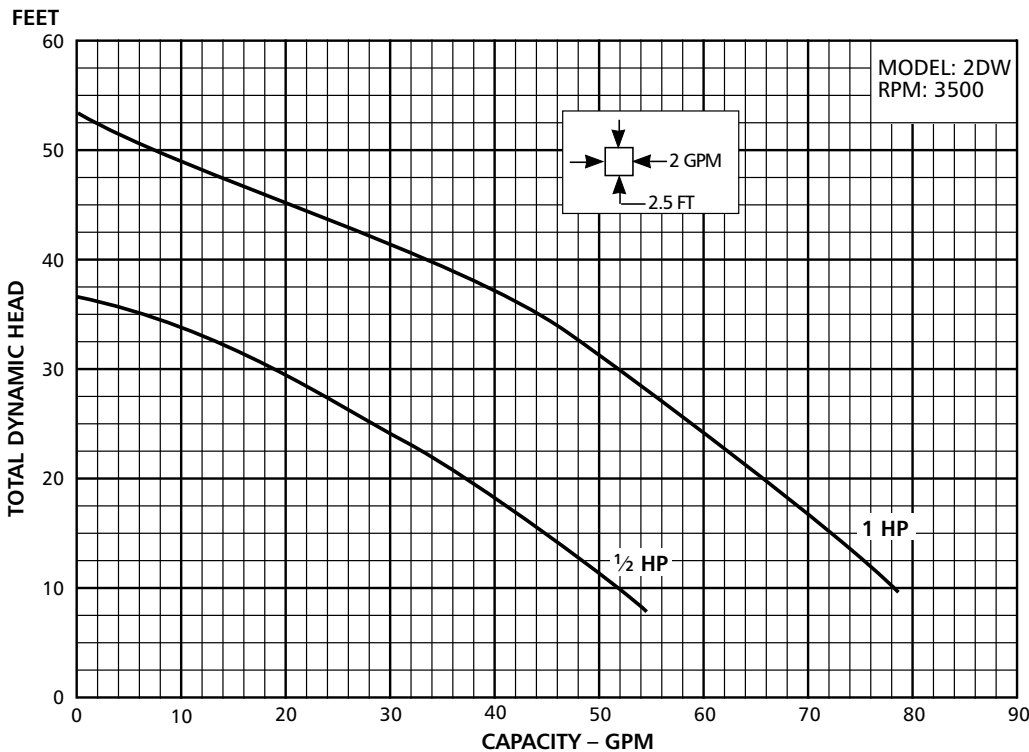
- Discharge size: 2" threaded hose coupling design.
- Capacities: up to 80 GPM.
- Total heads: up to 52 feet.
- Max. solids: any particles passing through strainer.
- Mechanical seals: outer seal – silicon carbide, inner seal – carbon ceramic.
- Temperature limit: 95° F (35° C) maximum.
- Depth of immersion: 16.5 feet (5m) maximum.

Motor:

- Single phase: 3500 RPM, ½ HP and 1 HP, 115 and 230 V, 60 Hz
- Built-in starter with full overload and temperature protection.
- Class F insulation.
- Air filled design.
- Upper and lower heavy duty ball bearing construction.
- Power cord: 50 feet.

FEATURES

- **Impeller:** Polyurethane for wear and corrosion resistance.
- **Diffuser:** Polyurethane for wear and corrosion resistance.
- **Mechanical Seal:** Dual seals for double leakage protection, outer seal – silicon carbide.
- **Rubber Liner:** Protects against wear around impeller.
- **Bottom Strainer:** Made of impact absorbing EPDM rubber, suction holes allow for low pump down.

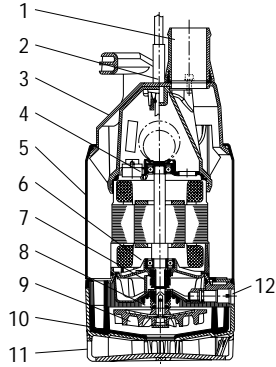


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COMPONENTS

Item No.	Description
1	Discharge connection
2	Cable entry
3	Handle/cover
4	Support bearing
5	Pump casing
6	Main bearing
7	Inner mechanical seal
8	Outer mechanical seal
9	Impeller
10	Suction cover
11	Strainer
12	Oil plug

REPLACEMENT KITS

Each kit contains the following parts:

Impeller kit (15K11 for 1/2 HP, 15K12 for 1 HP) Impeller, impeller screw, protective plug, washer, assembly instruction

Diffuser kit (15K13 for both 1/2 HP and 1 HP) Diffuser, barrel nuts, screws, washers, assembly instruction, sticker

Outer seal kit (15K14 for both 1/2 HP and 1 HP) Mechanical face-seal unit, assembly instruction, sticker

Fastener kit (15K15 for both 1/2 HP and 1 HP) Barrel nuts, washers, socket head screws

DIMENSIONS

1/2 HP unit:

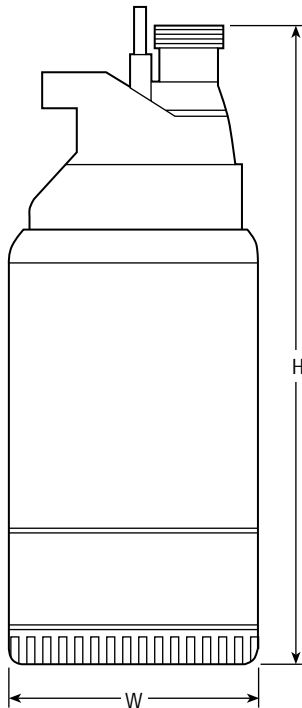
W = 7⁵/₁₆"

H = 16³/₈"

1 HP unit:

W = 7⁵/₁₆"

H = 17³/₄"



ELECTRICAL DATA

Order No.	HP	Volts	Phase	Max. Amp	RPM	Wt. (lbs.)
2DW0511	1/2	115	1	5.5	3500	20
2DW0512	1/2	230	1	2.9	3500	20
2DW1011	1	115	1	9.8	3500	25
2DW1012	1	230	1	4.9	3500	25

Goolds Pumps



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