

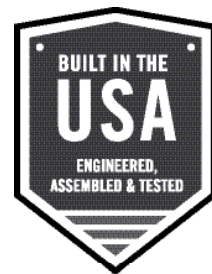
TECHNICAL BROCHURE

B2DW R5



2DW

SUBMERSIBLE DEWATERING PUMP



FEATURES

Impeller: Polyurethane for wear and corrosion resistance.

Adjustable Discharge: Discharge can be installed for either vertical or horizontal installation using only 2 screws.

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.

APPLICATIONS

Specifically designed to remove water from:

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

SPECIFICATIONS

Pump:

- Discharge size: 2" NPSM threaded hose coupling design, can be rotated
- Capacities: up to 84 GPM
- Total heads: up to 51 feet
- Maximum 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

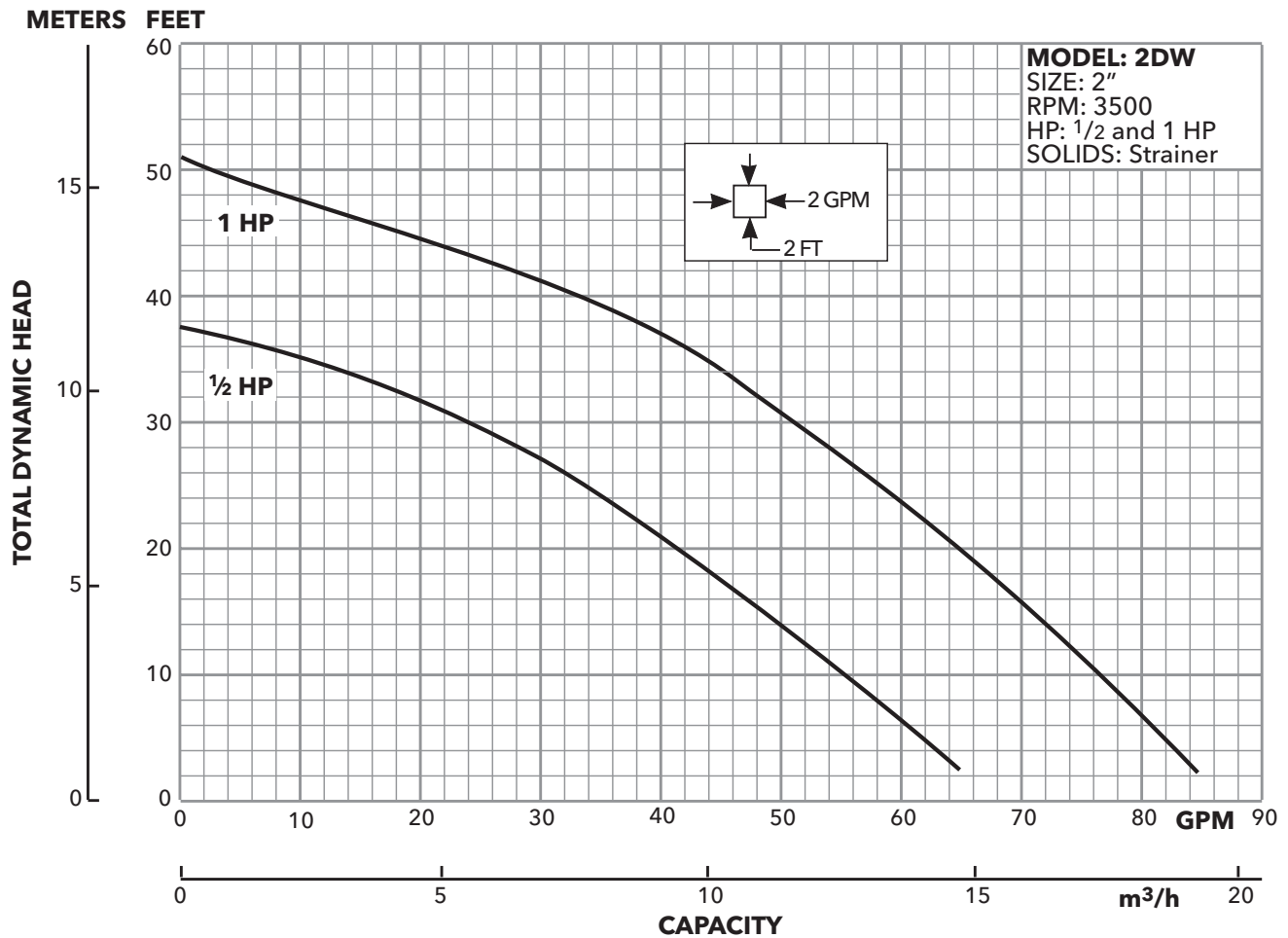
Motor:

- 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.

AGENCY LISTINGS



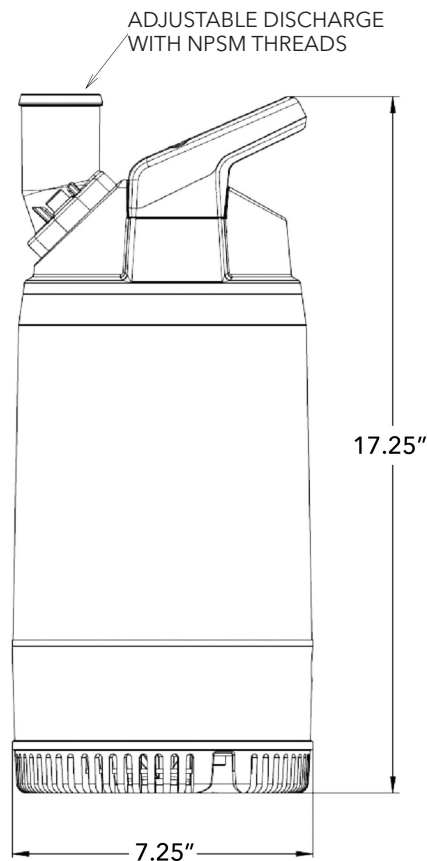
Tested to UL778 and CSA 22.2 108 standards by Canadian Standards Association.
NRTL File #LR13533



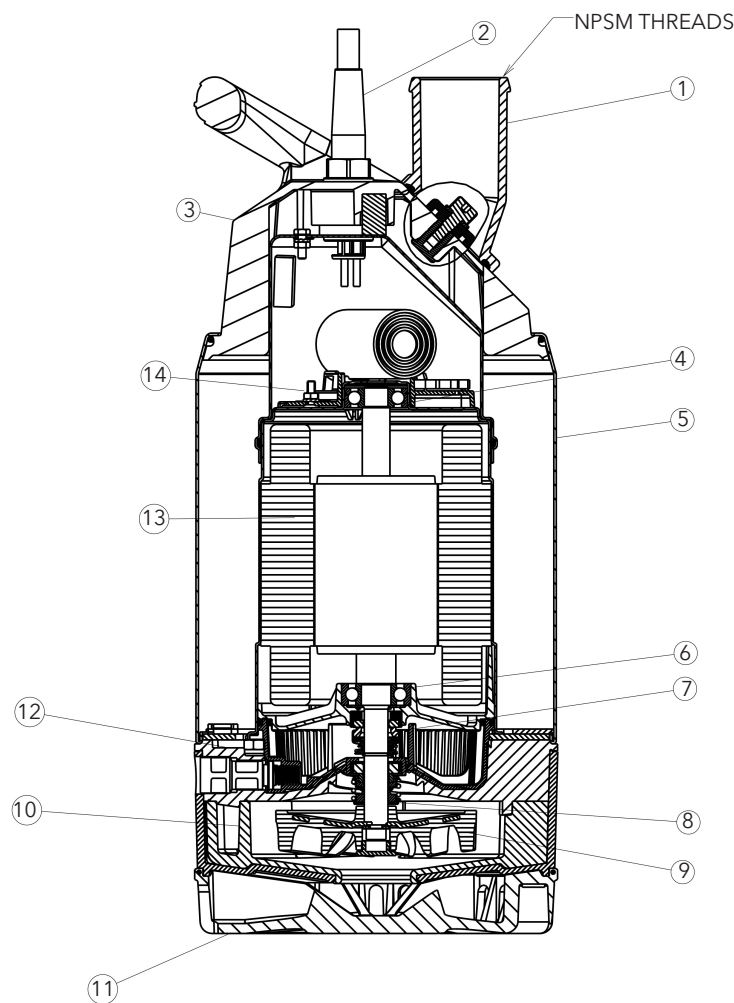
MODEL INFORMATION

Order No.	HP	Volts	Phase	Maximum Amp	RPM	Height (in.)	Weight (lbs.)
2DW0511	1/2	115	1	5.5	3500	17.25	26
2DW0512		230		2.9			
2DW1011	1	115		9.8			32
2DW1012		230		4.9			

DIMENSIONS



COMPONENTS



Item No.	Description
1	Discharge
2	Power cord
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/diffuser
11	Strainer
12	Oil plug
13, 14	Motor



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