



## Dewatering & Drainage Pumps

Types **DDS 100/4/26**  
**DDS 100/4/16**  
**DDS 80/3/16**

Capacity up to 440 GPM, heads up to 290 ft.

## DDS 100/4/26, DDS 100/4/16 & DDS 80/3/16 Power Input and Performance Data



### Specifications

#### >> Motor data

Squirrel cage 3-phase induction motor  
Frequency 60 HZ  
Insulation class H(+180 °C)  
Ingress of protection IP68

Voltage variation  
-continuously running Max ± 5%  
-intermittent running Max ± 10%

Voltage imbalance between phases Max ± 2%  
No. of start/hour Max 15

#### >> Material

Outer casing Aluminium  
Impeller High chrome alloyed Cast  
Stator housing Cast iron GG25  
Strainer Steel  
Shaft Stainless steel ANSI 420  
O-ring Viton rubber

#### >> Mechanical face seals

Upper Silicon carbide/Carbon  
Lower Tungsten carbide/Silicon Carbide

#### >> Bearings

Upper Deep groove ball bearing  
Lower Deep groove ball bearing

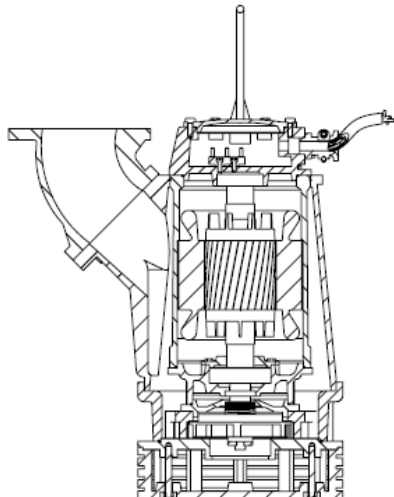
**Fasteners.** Stainless steel ANSI 304.

### Options.

Rubber-lined wear parts  
Various cable sizes.

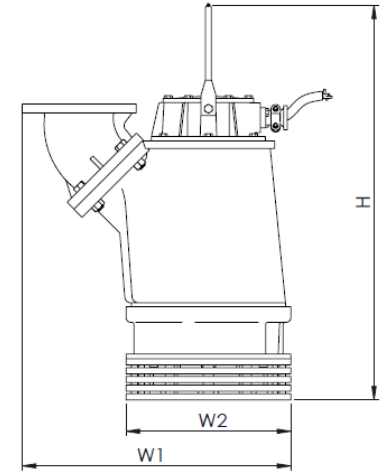
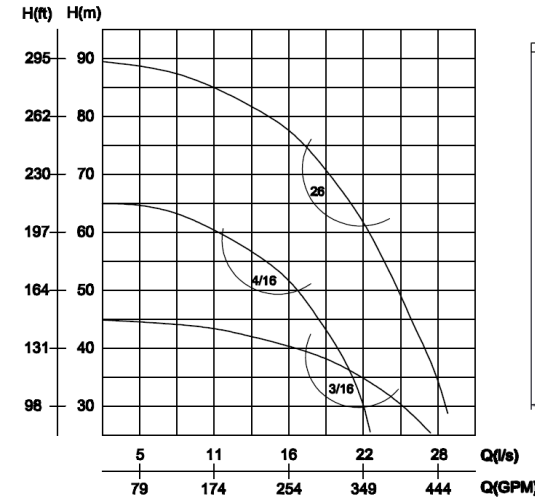
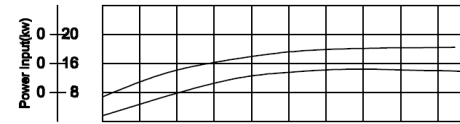
### Accessories.

Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.



### Applications:

DDS 100/4/26, DDS 100/4/16 and DDS 80/3/16 move large volumes of water quickly and efficiently in mines, tunnels, cofferdams, deep excavations, construction sites, etc. They are specially designed to handle media containing highly abrasive materials, such as clay, sand, drilling dust, etc.



Dimensions							
W <sub>1</sub> inches	W <sub>1</sub> mm	W <sub>2</sub> inches	W <sub>2</sub> mm	H inches	H mm	Weight	
						Lbs.	kg
<b>DDS 100/4/26</b>							
25	630	16	400	27	700	425	193
<b>DDS 100/4/16</b>							
19	480	12	310	24	600	308	140
<b>DDS 80/3/16</b>							
19	480	12	310	24	600	308	140

VERSION	HP	PHASE	VOLTS	FLA	STARTING CURRENT	CABLE SIZE AWG
DDS 100/4/26	26	3	460	31	155	
			600	23	115	
DDS 100/4/16	16	3	460	19	95	
			600	14	70	
DDS 80/3/16	16	3	460	19	95	
			600	14	70	