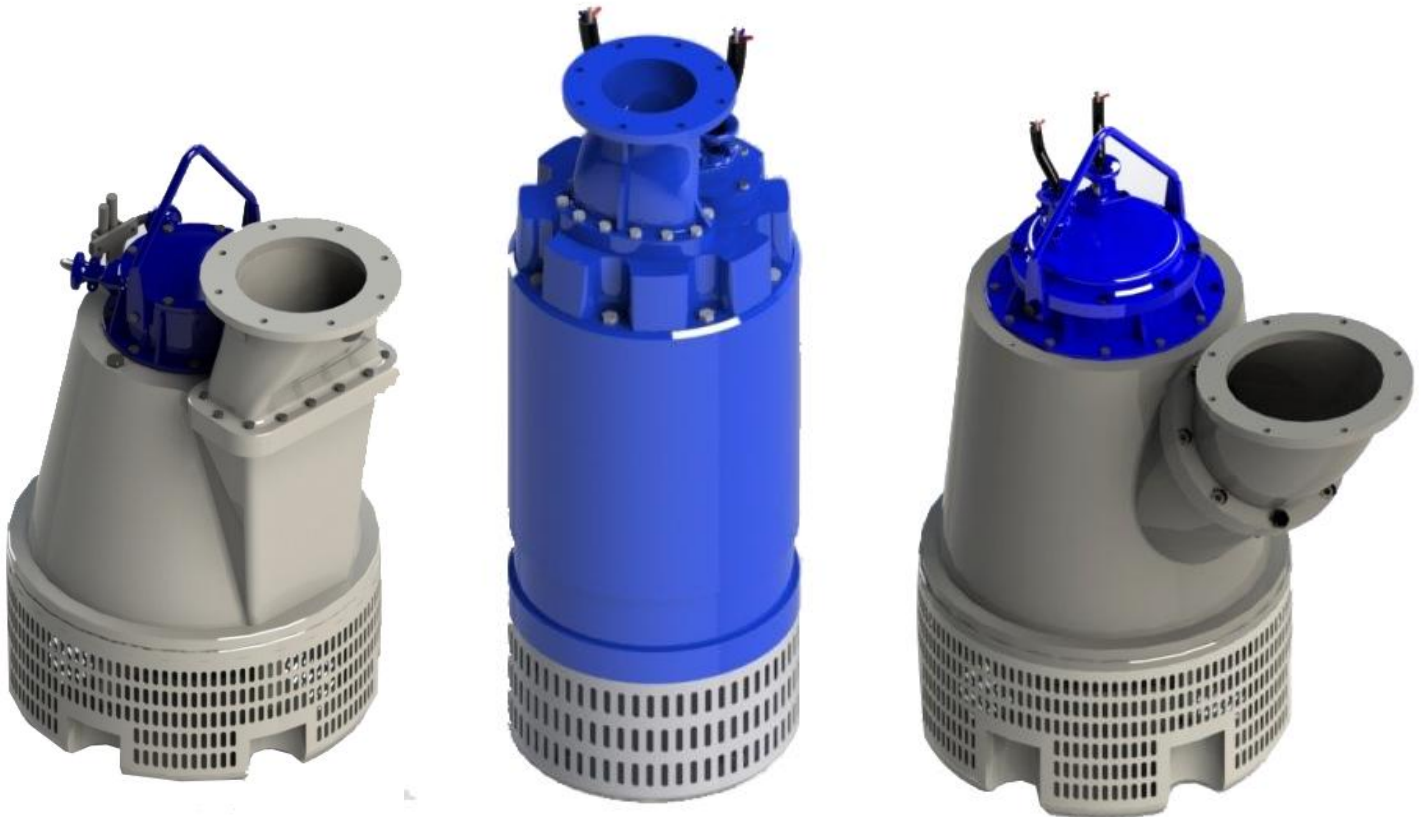


«DEWATERING & DRAINAGE SUBMERSIBLE ELECTRIC PUMPS»



Dewatering & Drainage Pumps

Types
 DD 100/4/11
 DD 100/4/9.2
 DD 100/4/7.5
 DD 100/4/5.5

Capacity up to 120 m³/h, heads up to 40 m.

Specifications

>> Motor data

Squirrel cage 3-phase induction motor
 Frequency 50 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 Aluminum
 Impeller High chrome alloyed Cast iron ASTM 532.80
 Wear parts Rubber-liner
 Stator housing Cast iron
 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
 Angular contact ball bearing

Fasteners. Stainless steel ANSI 304.

Options.

Rubber-lined wear parts
 Various cable sizes.

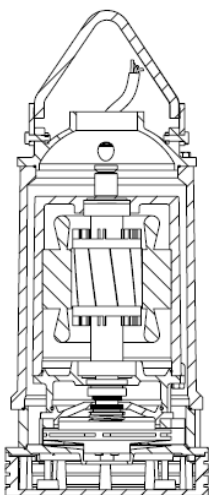
Accessories.

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



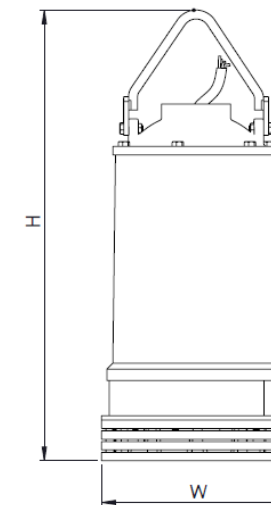
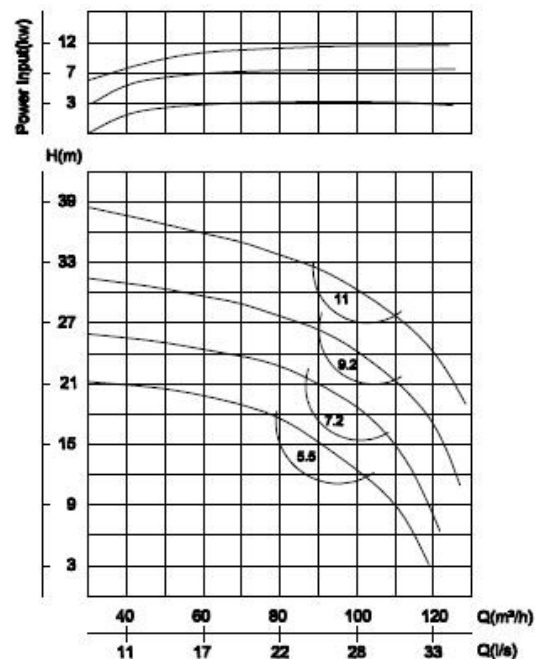
Applications:

DD 100/4/11 & DD 100/4/9.2 & DD 100/4/7.5 & DD 100/4/5.5 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.



DDS 100/4/11 & DD 100/4/9.2 & DD 100/4/7.5 & DD 100/4/5.5

Power Input and Performance Data



Dimensions					
W inches	W mm	H inches	H mm	Weight	
				Lbs.	kg
DD 100/4/11					
12	315	32	815	231	105
DD 100/4/9.2					
12	315	31	800	205	93
DD 100/4/7.5					
12	315	30	770	176	80
DD 100/4/5.5					
12	315	29.5	750	165	75

VERSION	KW	PHASE	VOLTS	FLA	STARTING CURRENT	CABLE SIZE AWG
DD 100/4/11	11	3	380	22	88	4*6
DD 100/4/9.2	9.2	3	380	18	72	4*6
DD 100/4/7.5	7.5	3	380	15	60	4*4
DD 100/4/5.5	5.5	3	380	11	44	4*4

Dewatering & Drainage Pumps

Types **DD 80/3/11**
DD 80/3/9.2

Capacity up to 100 m³/h, heads up to 110 m.

Specifications

>> Motor data

Squirrel cage 3-phase induction motor
Frequency 50 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 Aluminum
Impeller High chrome alloyed Cast iron ASTM 532.80
Wear parts Rubber-liner
Stator housing Cast iron
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
Angular contact ball bearing

Fasteners. Stainless steel ANSI 304.

Options.

Rubber-lined wear parts
Various cable sizes.

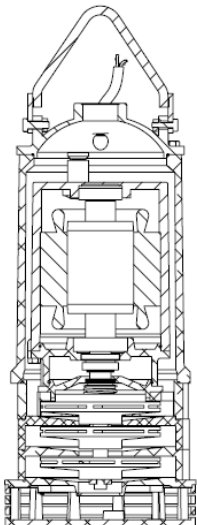
Accessories.

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

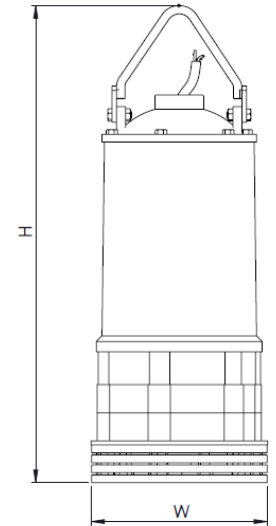
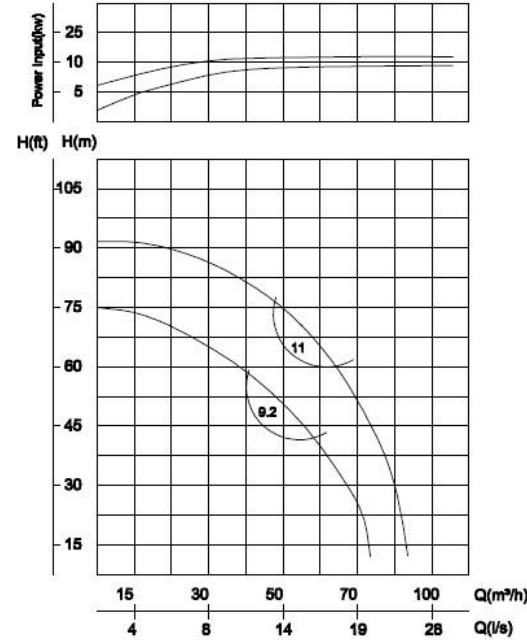


Applications:

DDS 80/3/11 & DDS 80/3/9.2 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.



DDS 80/3/11 & DDS 80/3/9.2 Power Input and Performance Data



Dimensions					
W inches	W mm	H inches	H mm	Weight	
				Lbs.	kg
DDS 80/3/11					
12	315	36	915	250	113
DDS 80/3/9.2					
12	315	33	850	220	100

VERSION	KW	PHASE	VOLTS	FLA	STARTING CURRENT	CABLE SIZE AWG
DDS 80/3/11	11	3	380	22	88	4*6
DDS 80/3/9.2	9.2	3	380	18	72	4*6

Dewatering & Drainage Pumps

DD 100/4/18.5

Types DD 80/3/18.5

DD 100/4/18.5 & DD 80/3/18.5

Power Input and Performance Data

Capacity up to 100 m³/h, heads up to 110 m.



Specifications

>> Motor data

Squirrel cage 3-phase induction motor
Frequency 50 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 Aluminum
Impeller High chrome alloyed Cast iron ASTM 532.80
Wear parts Rubber-liner
Stator housing Cast iron
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
Angular contact ball bearing

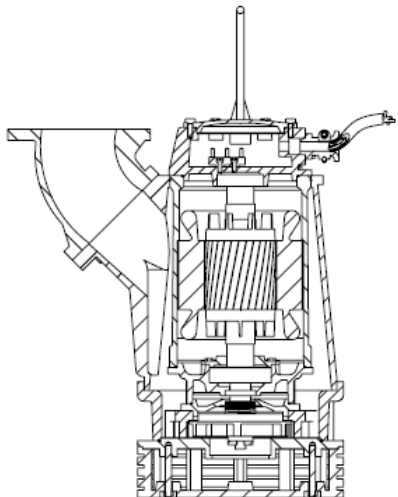
Fasteners. Stainless steel ANSI 304.

Options.

Rubber-lined wear parts
Various cable sizes.

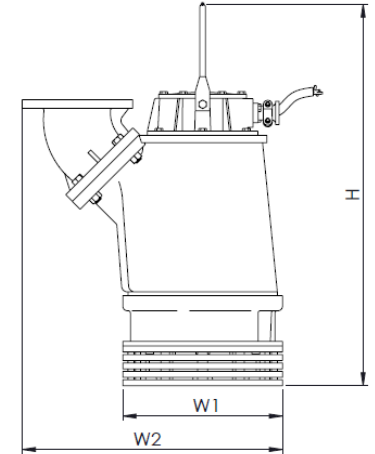
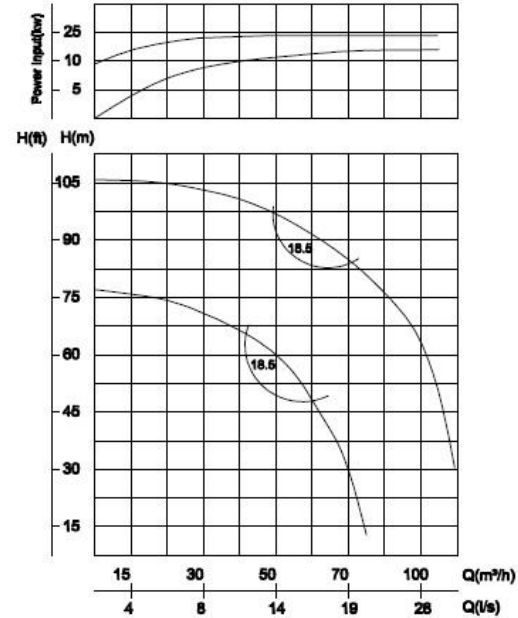
Accessories.

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



Applications:

DD 100/4/18.5 & DD 80/3/18.5 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 ₁	W ₁	W ₂	W ₂	H	H	Weight	
inches	mm	inches	mm	inches	mm	Lbs.	kg
DD 100/4/18.5							
16	400	25	650	38	960	330	150
DD 80/3/18.5							
16	400	25	650	38	960	330	150

VERSION	KW	PHASE	VOLTS	FLA	STARTING CURRENT	CABLE SIZE AWG
DD 100/4/18.5	18.5	3	380	37	148	4*6
DD 80/3/18.5	18.5	3	380	37	148	4*6

Dewatering & Drainage Pumps

DDS 100/4/30

Types DDS 100/4/22

Capacity up to 120 m³/h, heads up to 110 m.



Specifications

>> Motor data

Squirrel cage 3-phase induction motor
 Frequency 50 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 Steel
 Impeller High chrome alloyed Cast iron ASTM 532.80

Wear parts Rubber-liner
 Stator housing Cast iron
 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
 Angular contact ball bearing

Fasteners. Stainless steel ANSI 304.

Options.

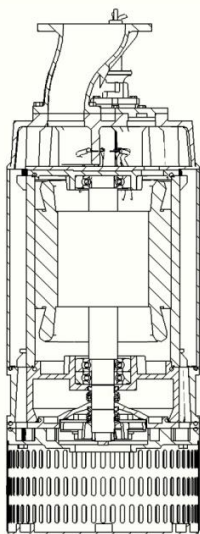
Rubber-lined wear parts
 Various cable sizes.

Accessories.

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

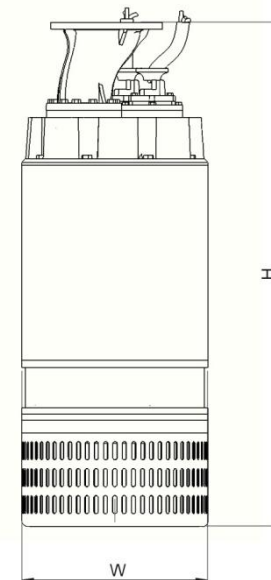
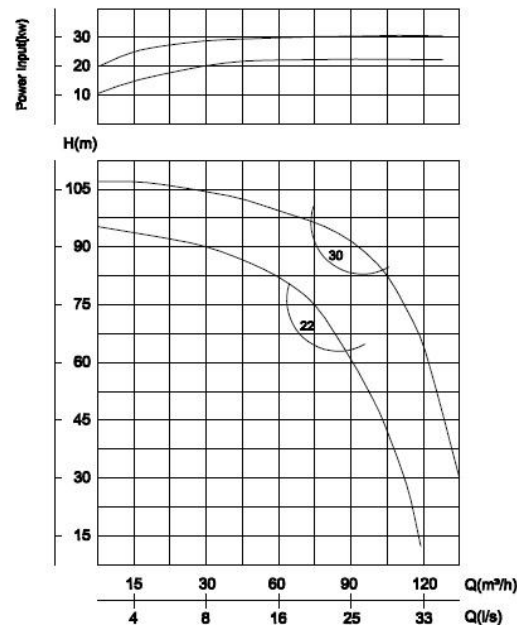
Applications:

DDS 100/4/30 & DDS 100/4/22 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.



DDS 100/4/30 & DDS 100/4/22

Power Input and Performance Data



Dimensions					
W inches	W mm	H inches	H mm	Weight	
				Lbs.	kg
DDS 100/4/30					
15	390	43	1100	485	220
DDS 100/4/22					
15	385	35	900	419	190

VERSION	KW	PHASE	VOLTS	FLA	STARTING CURRENT	CABLE SIZE AWG
DDS 100/4/30	30	3	380/660	60	120	2(4*6)
DDS 100/4/22	22	3	380/660	44	175	2(4*6)

Dewatering & Drainage Pumps

DDS 150/6/55

Types DDS 125/5/30

Capacity up to 200 m³/h, heads up to 110 m.



Specifications

>> Motor data

Squirrel cage 3-phase induction motor
Frequency 50 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 Steel
Impeller High chrome alloyed Cast iron ASTM 532.80
Wear parts Rubber-liner
Stator housing Cast iron
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
Angular contact ball bearing

Fasteners. Stainless steel ANSI 304.

Options.

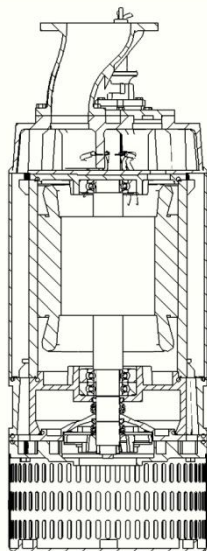
Rubber-lined wear parts
Various cable sizes.

Accessories.

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

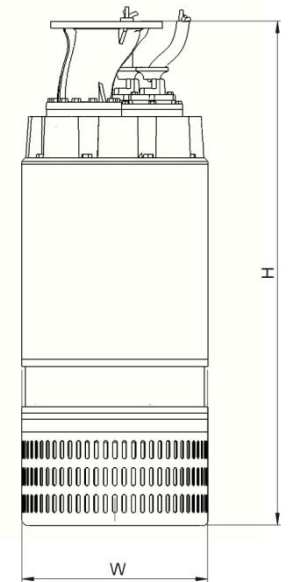
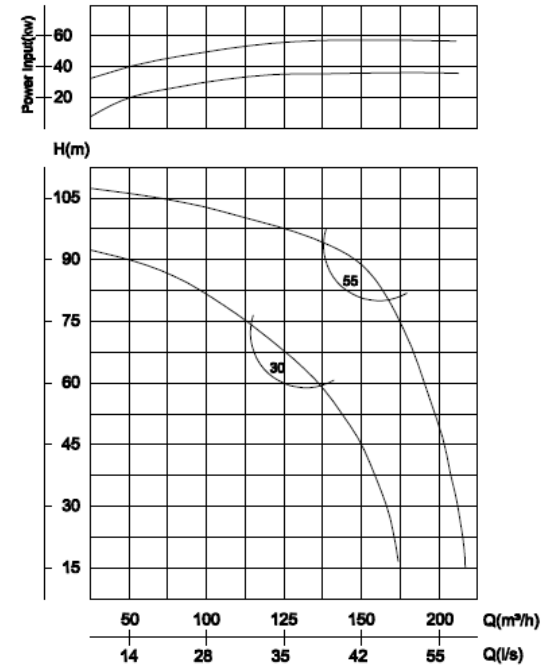
Applications:

DDS 150/6/55 and DDS 125/5/30 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.



DDS 150/6/55 & DDS 125/5/30

Power Input and Performance Data



Dimensions					
W inches	W mm	H inches	H mm	Weight	
				Lbs.	kg
DDS 150/6/55					
21	520	55	1400	1322	600
DDS 125/5/30					
15	390	43	1100	485	220

VERSION	KW	PHASE	VOLTS	FLA	STARTING CURRENT	CABLE SIZE AWG
DDS 150/6/55	55	3	380/660	110	220	2(4*10)
DDS 125/5/30	30	3	380/660	60	120	2(4*10)

Dewatering & Drainage Pumps

Types **DDS 200/8/90**
DDS 200/8/55

Capacity up to 400 m³/h, heads up to 110 m.



Specifications

>> Motor data

Squirrel cage 3-phase induction motor
 Frequency 50 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 Steel
 Impeller High chrome alloyed Cast iron ASTM 532.80
 Wear parts Rubber-liner
 Stator housing Cast iron
 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
 Angular contact ball bearing

Fasteners. Stainless steel ANSI 304.

Options.

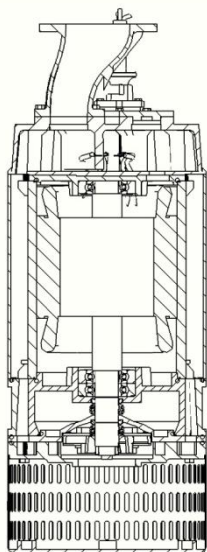
Rubber-lined wear parts
 Various cable sizes.

Accessories.

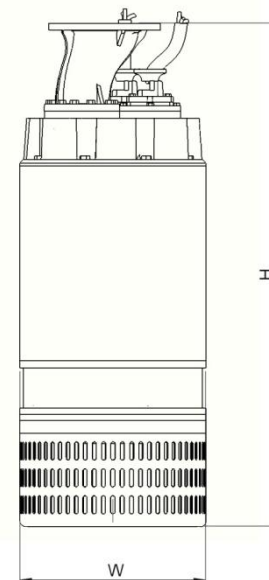
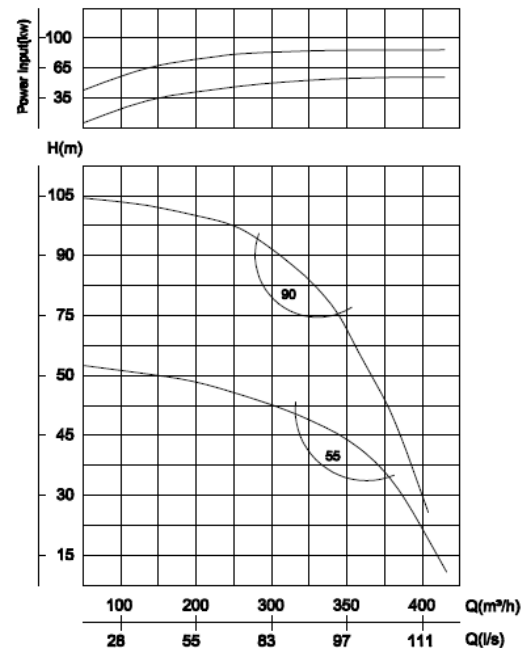
Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.

Applications:

DD 200/8/90 and DD 200/8/55 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.



DDS 200/8/90 & DDS 200/8/55 Power Input and Performance Data



Dimensions					
W inches	W mm	H inches	H mm	Weight	
				Lbs.	kg
DD 200/8/90					
21	520	55	1400	1521	690
DD 200/8/55					
21	520	55	1400	1322	600

VERSION	KW	PHASE	VOLTS	FLA	STARTING CURRENT	CABLE SIZE AWG
DD 200/8/90	90	3	380/660	180	360	2(4*25)
DD 200/8/55	55	3	380/660	110	220	2(4*10)

Dewatering & Drainage Pumps

Types DD 300/12/55 HT
DD 300/12/55 MT

Capacity up to 1000 m³/h, heads up to 60 m.



Specifications

>> Motor data

Squirrel cage 3-phase induction motor
Frequency 50 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
Wear parts Rubber-liner
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 Cylindrical roller bearing
Lower Deep groove ball bearing,
the lower row is angular contact

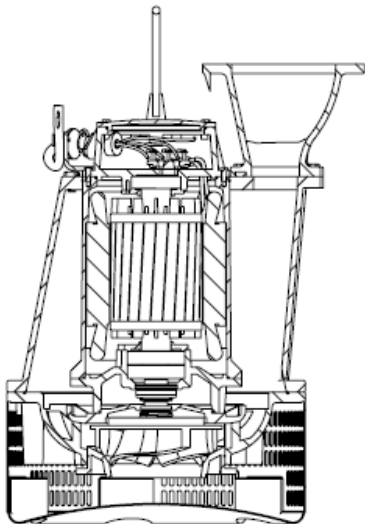
Fasteners. Stainless steel ANSI 304.

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.

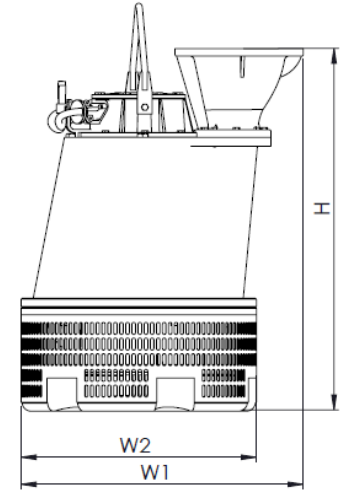
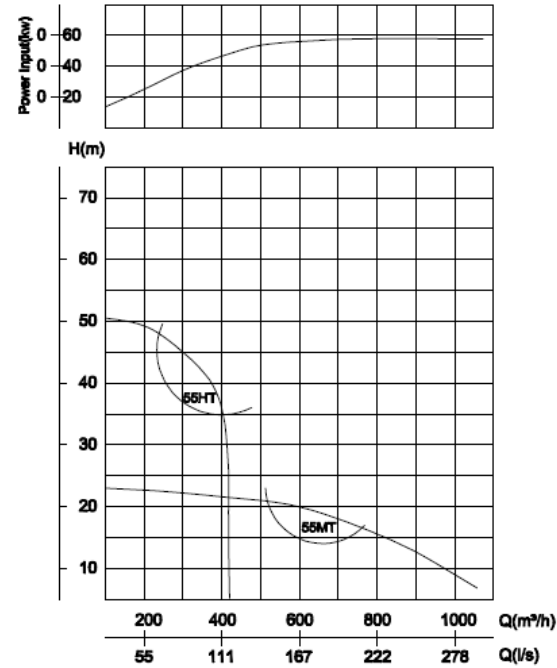


Applications:

DD 300/12/55 HT and DD 300/12/55 MT 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.

DD 300/12/55 HT & DD 300/12/55 MT

Power Input and Performance Data



Dimensions							
W ₁ inches	W ₁ mm	W ₂ inches	W ₂ mm	H inches	H mm	Weight	
						Lbs.	kg
DD 300/12/55 HT							
33	850	31	780	47	1200	1345	610
DD 300/12/55 MT							
33	850	31	780	47	1200	1345	610

VERSION	IMP. CODE	Kw	PHASE	VOLTS	FLA	STARTING CURRENT	CABLE SIZE AWG
DD 300/12/55HT	HT	55	3	380/660	110	220	2(4*10)
DD 300/12/55 MT	MT	55	3	380/660	110	220	2(4*10)

Dewatering & Drainage Pumps

Types **DD 350/12/90 HT**
DD 350/14/90 MT

Capacity up to 1500 m³/h, heads up to 70 m.



Specifications

>> Motor data

Squirrel cage 3-phase induction motor
Frequency 50 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
Wear parts Rubber-liner
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 Cylindrical roller bearing
Lower Deep groove ball bearing, the lower row is angular contact

Fasteners. Stainless steel ANSI 304.

Options.

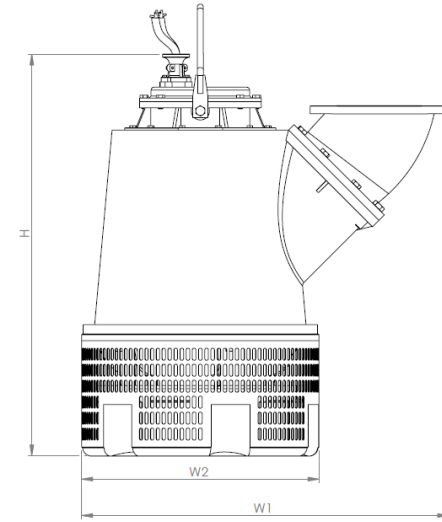
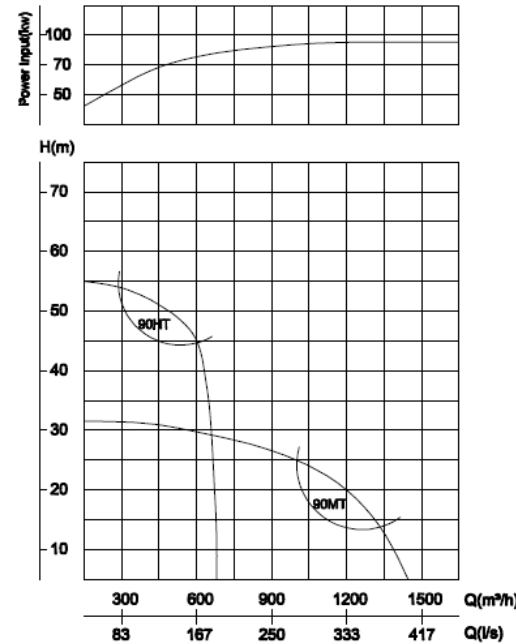
Rubber-lined wear parts
Various cable sizes.

Accessories.

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

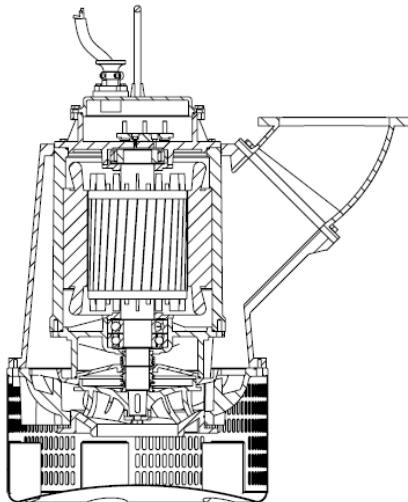
DD 350/12/90 HT & DD 350/14/90 MT

Power Input and Performance Data



Applications:

DD 350/12/90 HT and DD 350/14/90 MT 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 ₁	W ₁	W ₂	W ₂	H	H	Weight	
inches	mm	inches	mm	inches	mm	Lbs.	kg
DD 350/12/90 HT							
47	1200	32	820	47	1200	2006	910
DD 350/14/90 MT							
47	1200	32	820	47	1200	2006	910

VERSION	IMP. CODE	kw	PHASE	VOLTS	FLA	STARTING CURRENT	CABLE SIZE AWG
DD 350/12/90 HT	HT	90	3	380/660	180	360	2 (4*25)
DD 350/14/90 MT	MT	90	3	380/660	180	360	2 (4*25)