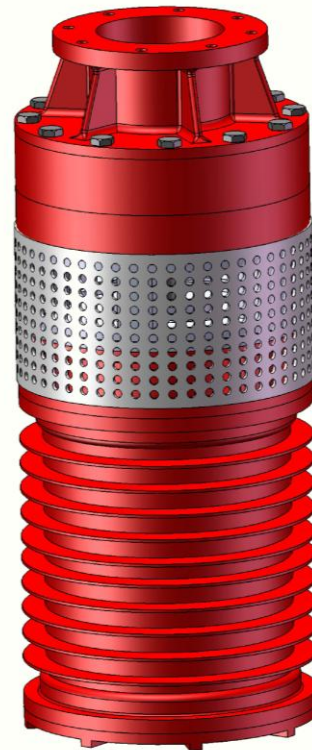
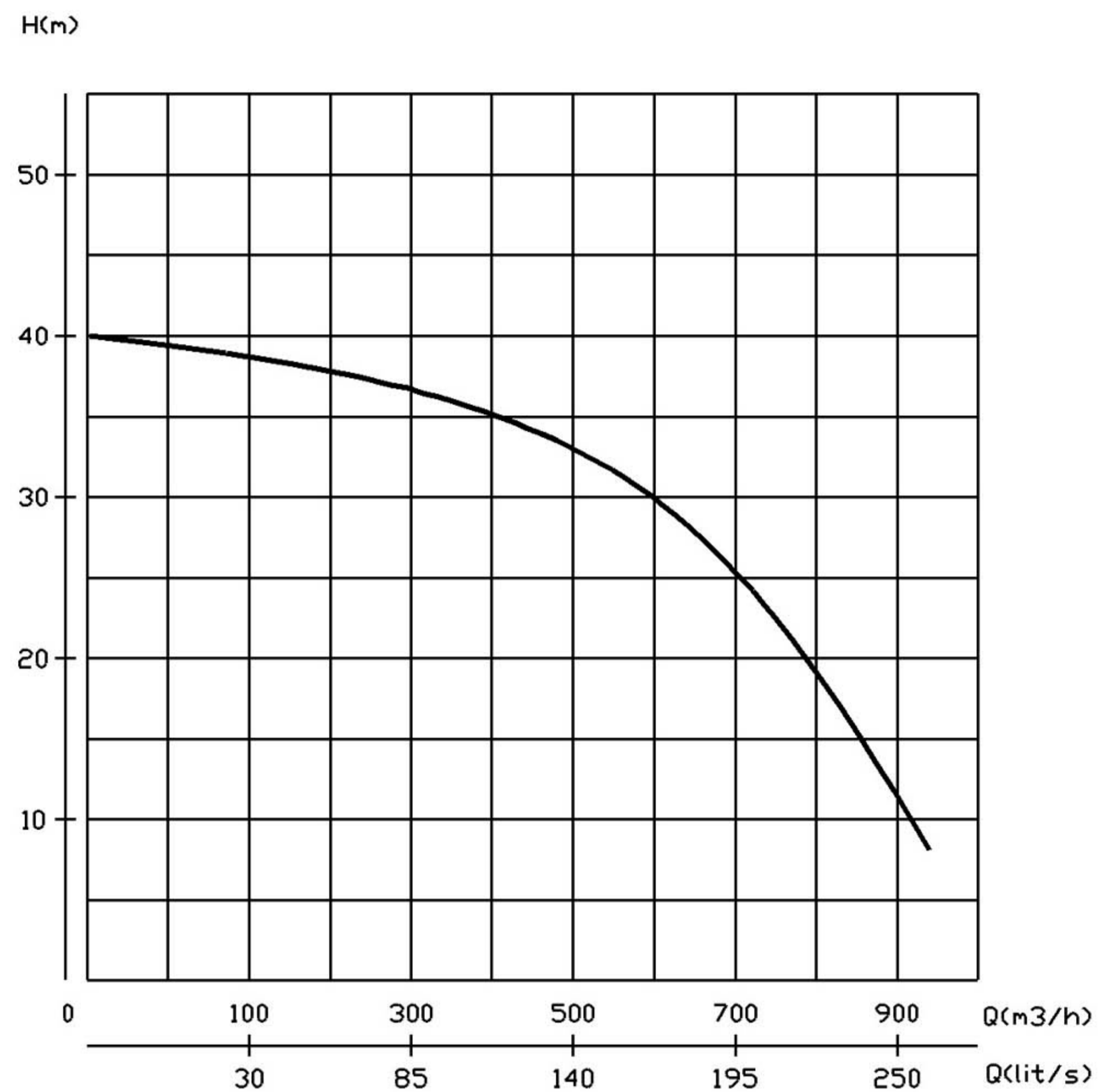
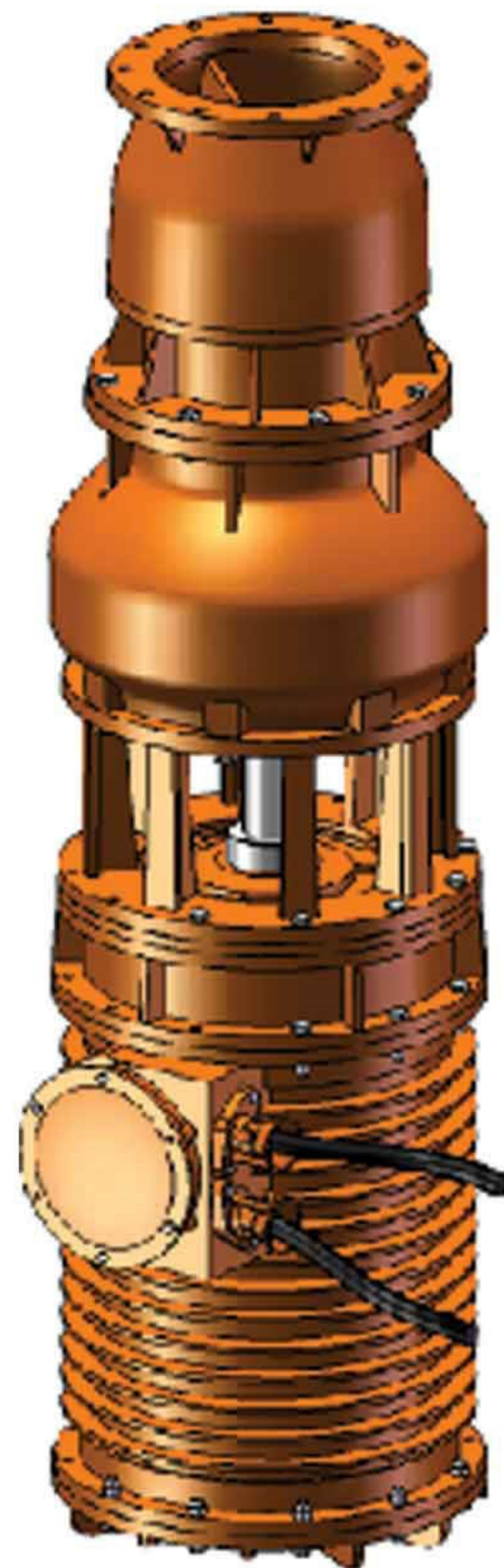


***((SUBMERSIBLE ELECTRIC PUMPS ))***





## Profile

### » Product

Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

### » Denomination

Product code SD 300/380/90  
Discharge connection 12"

### » Process data

Liquid temperature Max +40°C  
Depth of immersion Max 20m  
The PH of the liquid PH 5-8

### » Motor data

Squirrel cage 3-phase induction motor  
Frequency 50HZ  
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

### » Cable

Direct on line 2 (4 x25)

### » Monitoring equipment

Thermal & humidity contacts

### » Material

Pump housing	Cast iron
Impeller	Wear resistance steel
Stator housing	Cast iron
Shaft	Stainless steel 420
O-ring	Viton Rubber

### » Mechanical face seals

Upper	Silicon carbide/carbon
Lower	Tungsten carbide /silicon carbide

### » Option

Explosion-proof approved variants

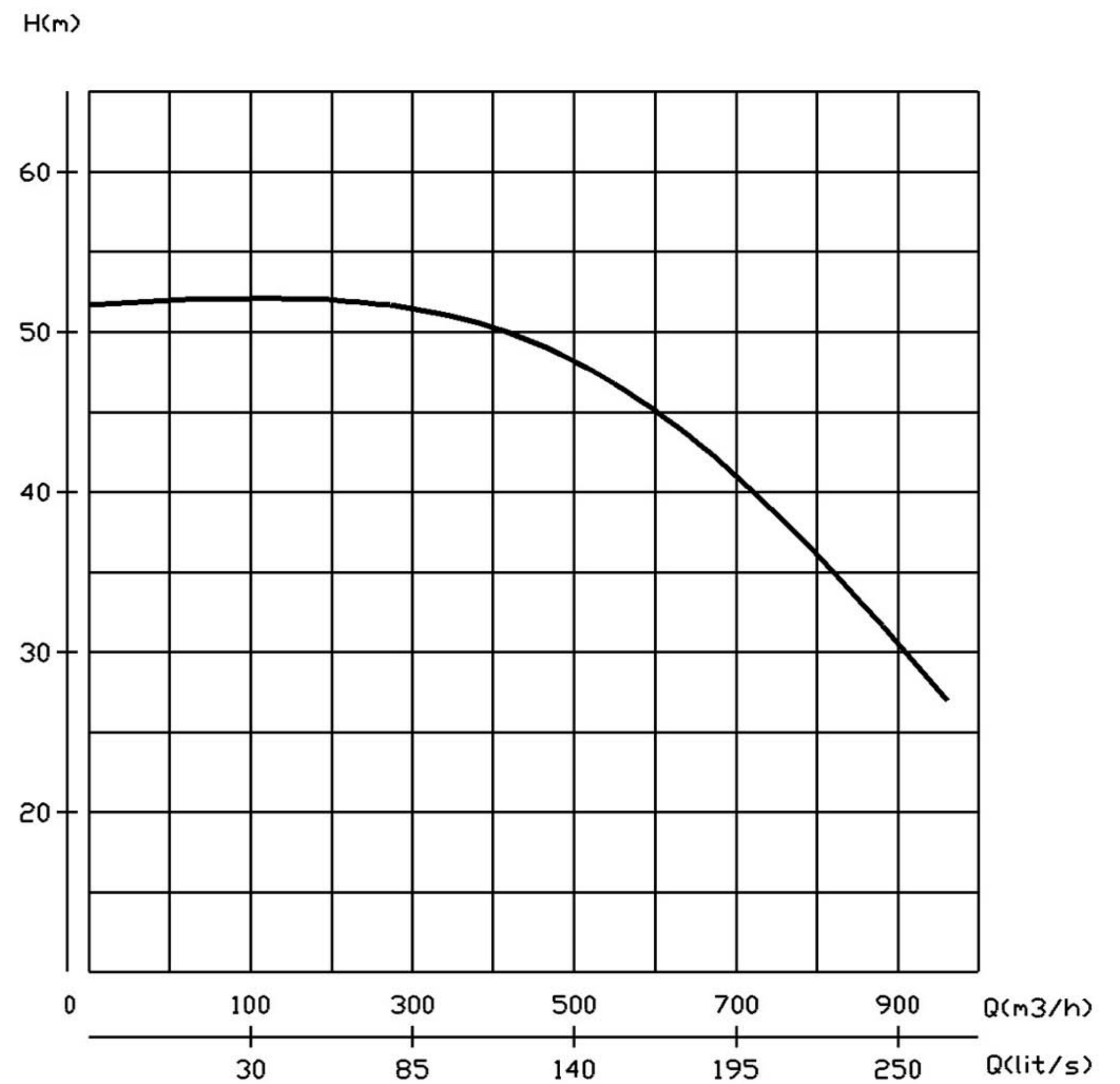
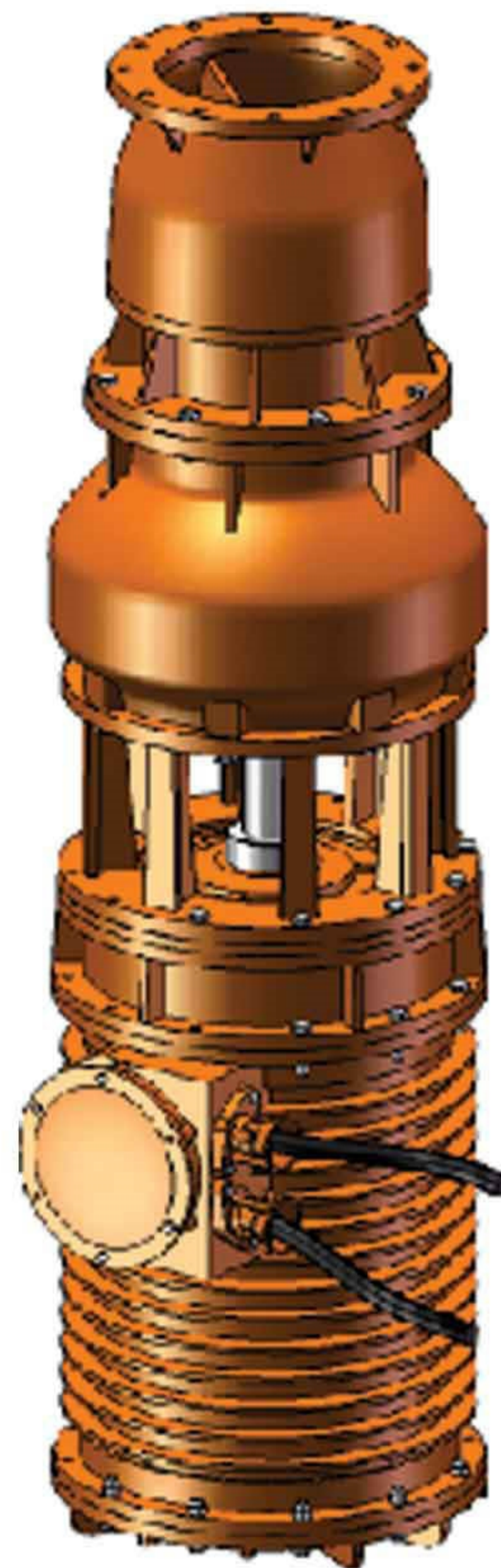
### » Accessories

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

### » Rating

3~  
Rated output 90 kw  
Speed of rotation 1450 rpm

Voltage V	Rated current A	Starting current A
380/660	180	360



## Profile

### » Product

Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

### » Denomination

Product code SD 300/395/110  
Discharge connection 12"

### » Process data

Liquid temperature Max +40°C  
Depth of immersion Max 20m  
The PH of the liquid PH 5-8

### » Motor data

Squirrel cage 3-phase induction motor  
Frequency 50HZ  
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

### » Cable

Direct on line 2 (4 x25)

### » Monitoring equipment

Thermal & humidity contacts

### » Material

Pump housing	Cast iron
Impeller	Wear resistance steel
Stator housing	Cast iron
Shaft	Stainless steel 420
O-ring	Viton Rubber

### » Mechanical face seals

Upper	Silicon carbide/carbon
Lower	Tungsten carbide /silicon carbide

### » Option

Explosion-proof approved variants

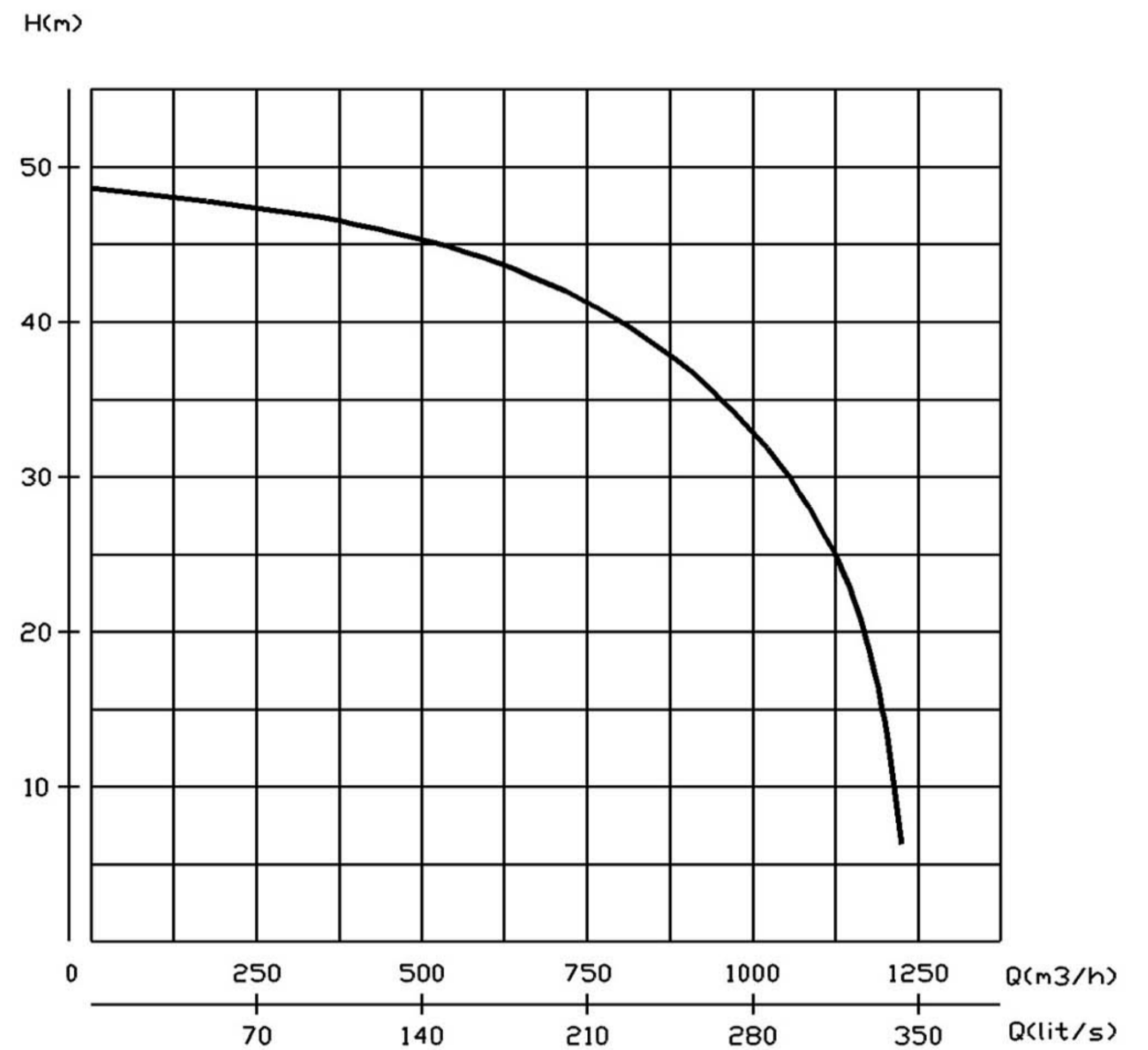
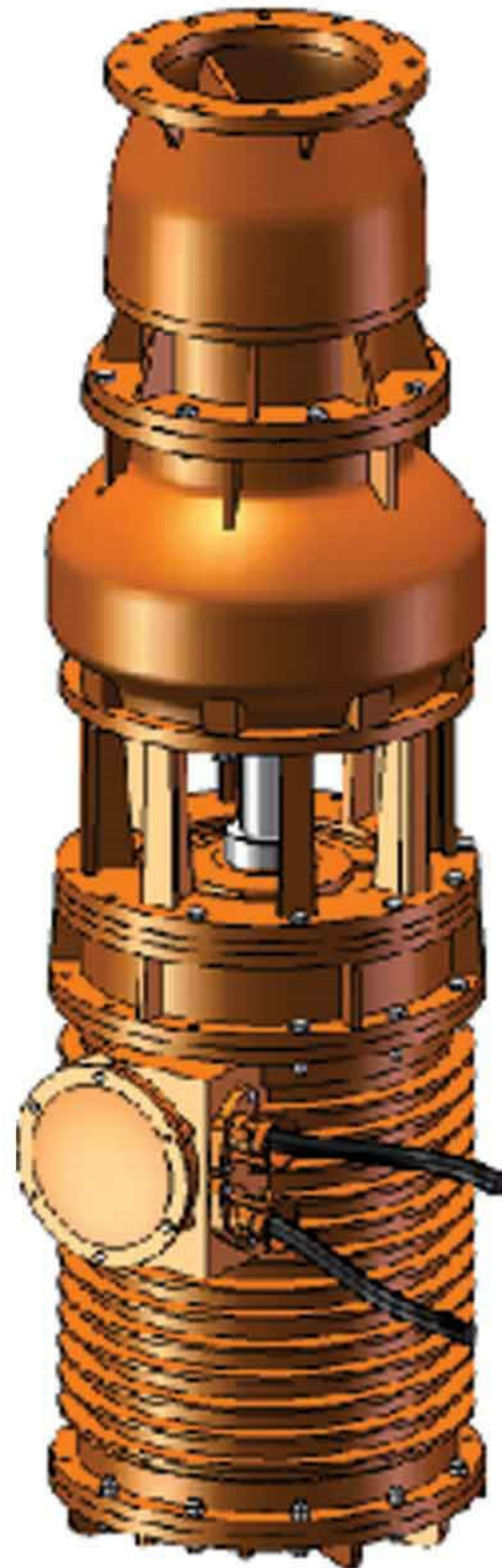
### » Accessories

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

### » Rating

3~  
Rated output 110 kw  
Speed of rotation 1450 rpm

Voltage V	Rated current A	Starting current A
380/660	220	440



## Profile

### » Product

Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

### » Denomination

Product code SD 300/420/132  
Discharge connection 12"

### » Process data

Liquid temperature Max +40°C  
Depth of immersion Max 20m  
The PH of the liquid PH 5-8

### » Motor data

Squirrel cage 3-phase induction motor  
Frequency 50HZ  
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

### » Cable

Direct on line 2 (4 x25)

### » Monitoring equipment

Thermal & humidity contacts

### » Material

Pump housing	Cast iron
Impeller	Wear resistance steel
Stator housing	Cast iron
Shaft	Stainless steel 420
O-ring	Viton Rubber

### » Mechanical face seals

Upper	Silicon carbide/carbon
Lower	Tungsten carbide /silicon carbide

### » Option

Explosion-proof approved variants

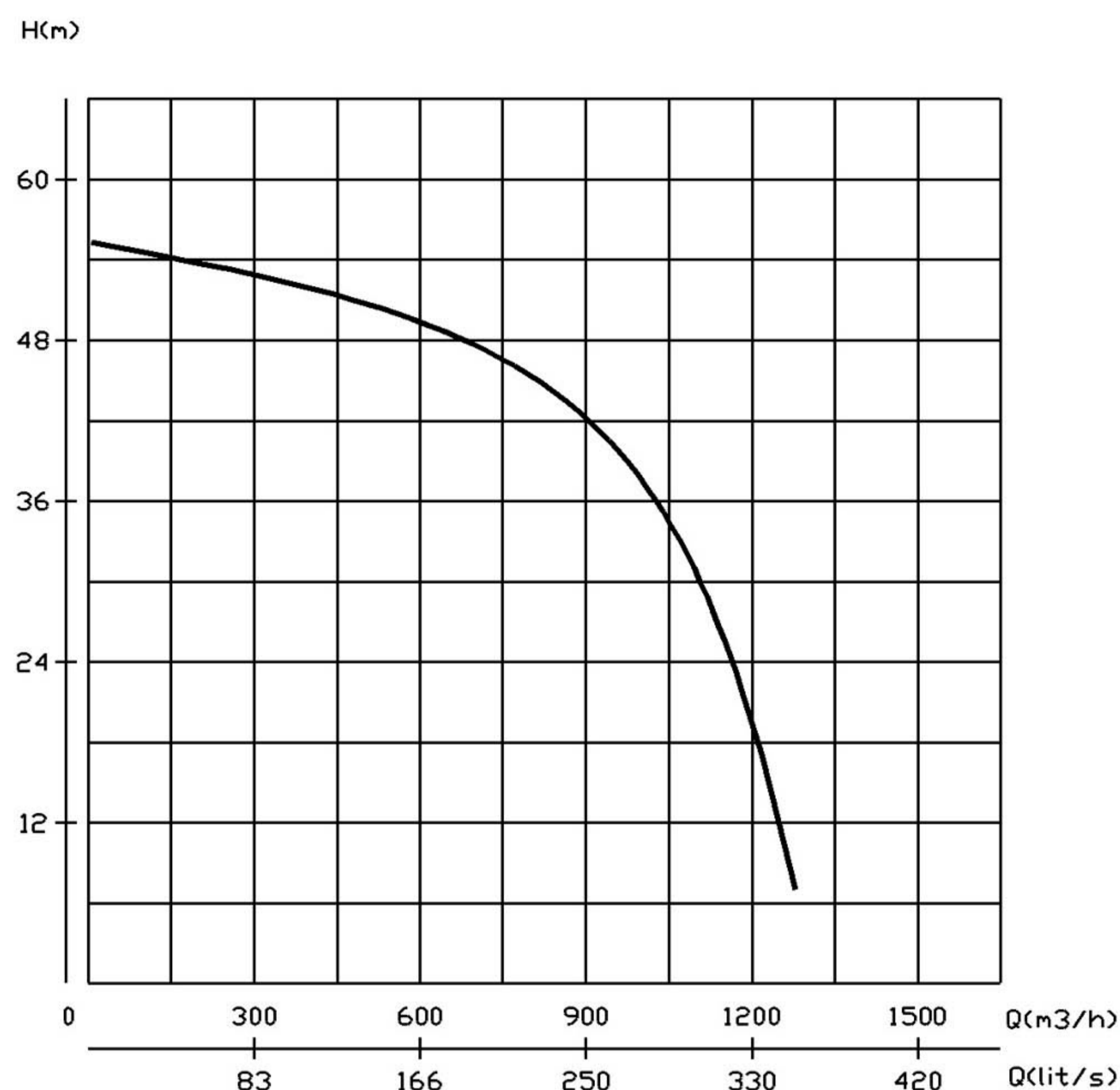
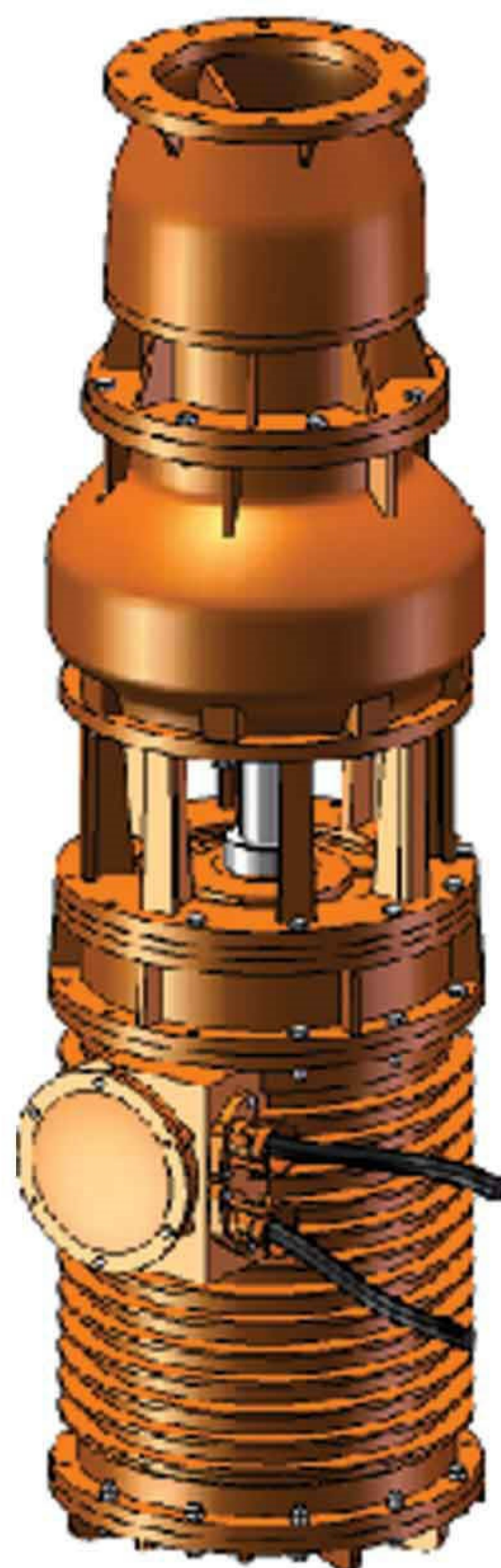
### » Accessories

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

### » Rating

3~  
Rated output 132 kw  
Speed of rotation 1450 rpm

Voltage V	Rated current A	Starting current A
380/660	260	520



## Profile

### » Product

Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

### » Denomination

Product code SD 350/440/180  
Discharge connection 14"

### » Process data

Liquid temperature Max +40°C  
Depth of immersion Max 20m  
The PH of the liquid PH 5-8

### » Motor data

Squirrel cage 3-phase induction motor  
Frequency 50HZ  
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

### » Cable

Direct on line 2 (4 x35)

### » Monitoring equipment

Thermal & humidity contacts

### » Material

Pump housing	Cast iron
Impeller	Wear resistance steel
Stator housing	Cast iron
Shaft	Stainless steel 420
O-ring	Viton Rubber

### » Mechanical face seals

Upper	Silicon carbide/carbon
Lower	Tungsten carbide /silicon carbide

### » Option

Explosion-proof approved variants

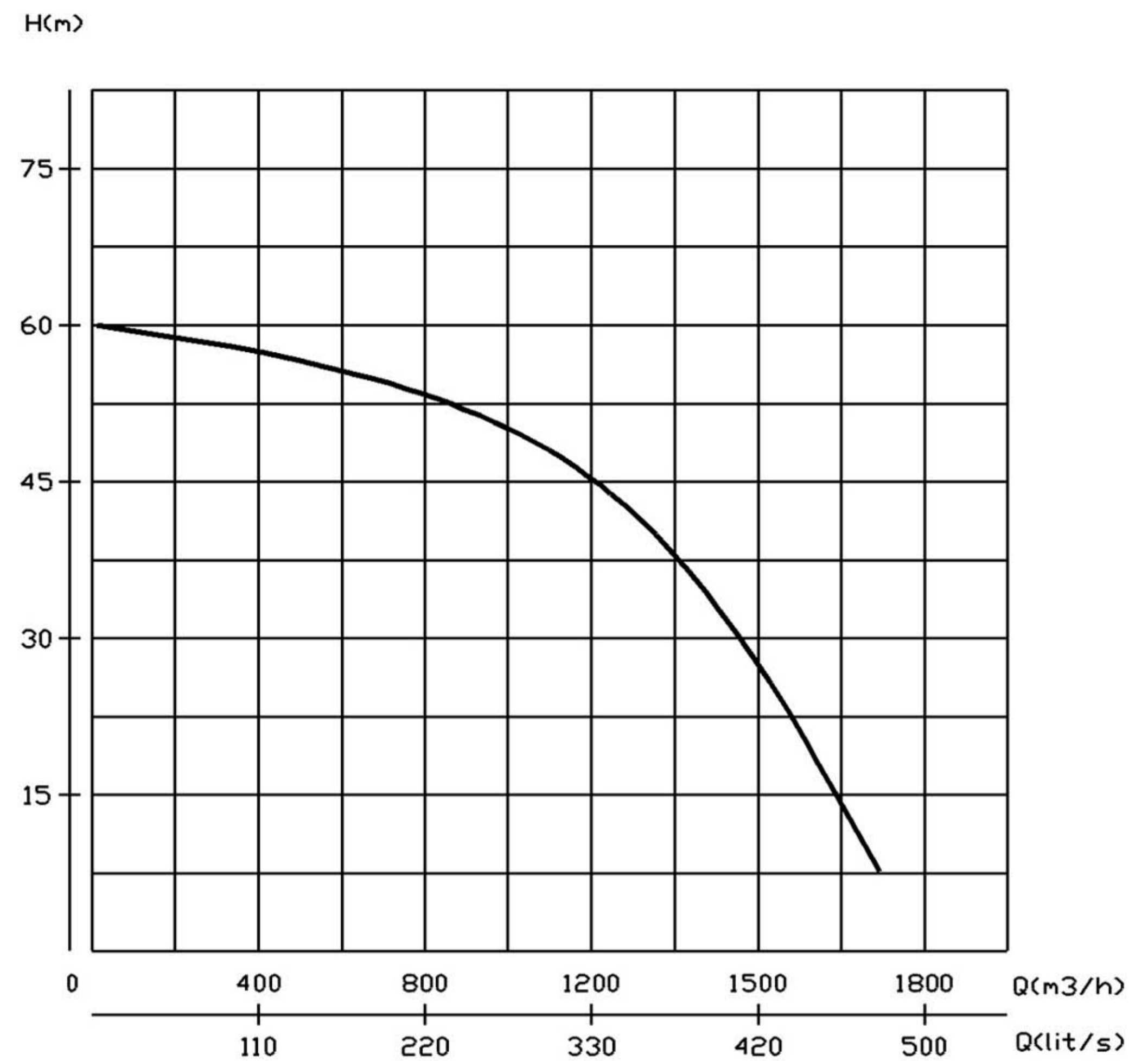
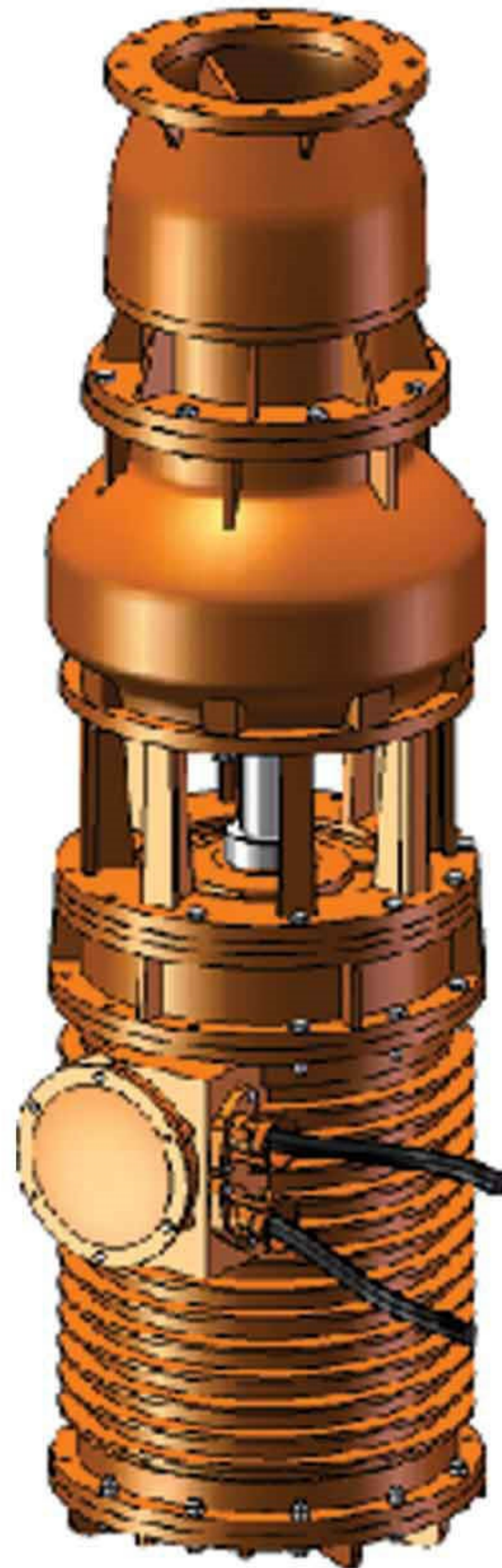
### » Accessories

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

### » Rating

3~  
Rated output 180 kw  
Speed of rotation 1450 rpm

Voltage V	Rated current A	Starting current A
380/660	360	720



## Profile

### » Product

Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

### » Denomination

Product code SD 350/460/220  
Discharge connection 14"

### » Process data

Liquid temperature Max +40°C  
Depth of immersion Max 20m  
The PH of the liquid PH 5-8

### » Motor data

Squirrel cage 3-phase induction motor  
Frequency 50HZ  
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

### » Cable

Direct on line 2 (4 x35)

### » Monitoring equipment

Thermal & humidity contacts

### » Material

Pump housing	Cast iron
Impeller	Wear resistance steel
Stator housing	Cast iron
Shaft	Stainless steel 420
O-ring	Viton Rubber

### » Mechanical face seals

Upper	Silicon carbide/carbon
Lower	Tungsten carbide /silicon carbide

### » Option

Explosion-proof approved variants

### » Accessories

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

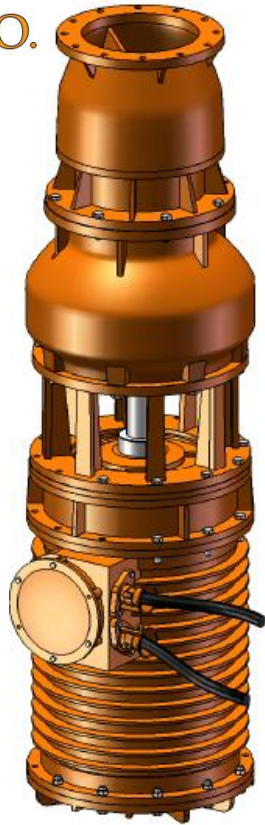
### » Rating

3~  
Rated output 220 kw  
Speed of rotation 1450 rpm

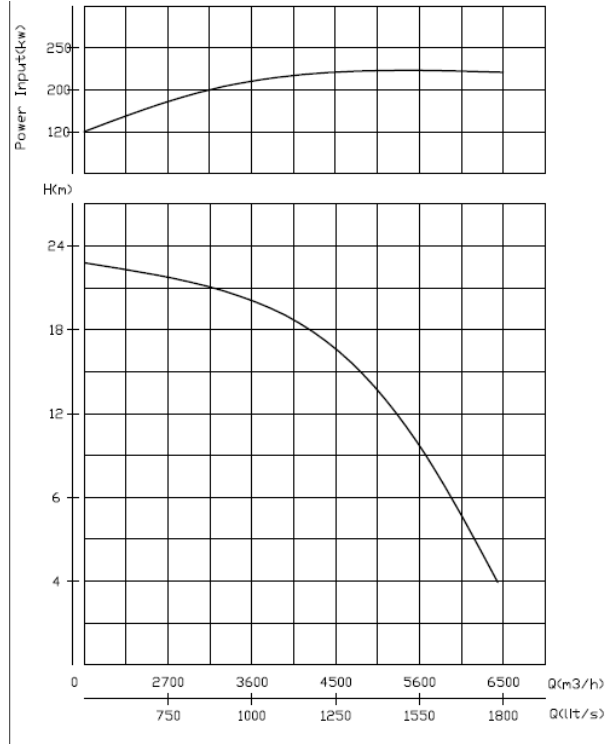
Voltage V	Rated current A	Starting current A
380/660	410	820



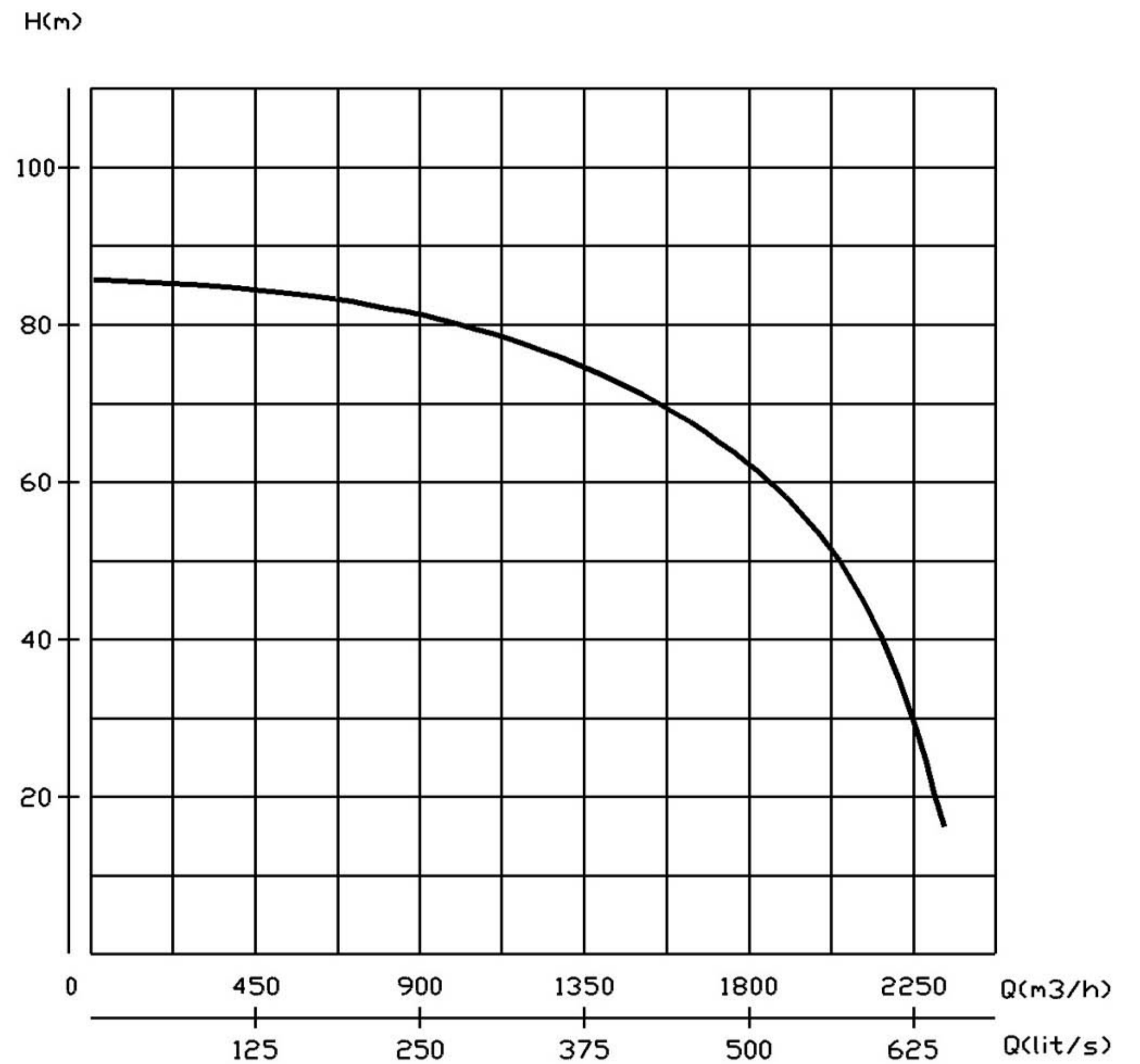
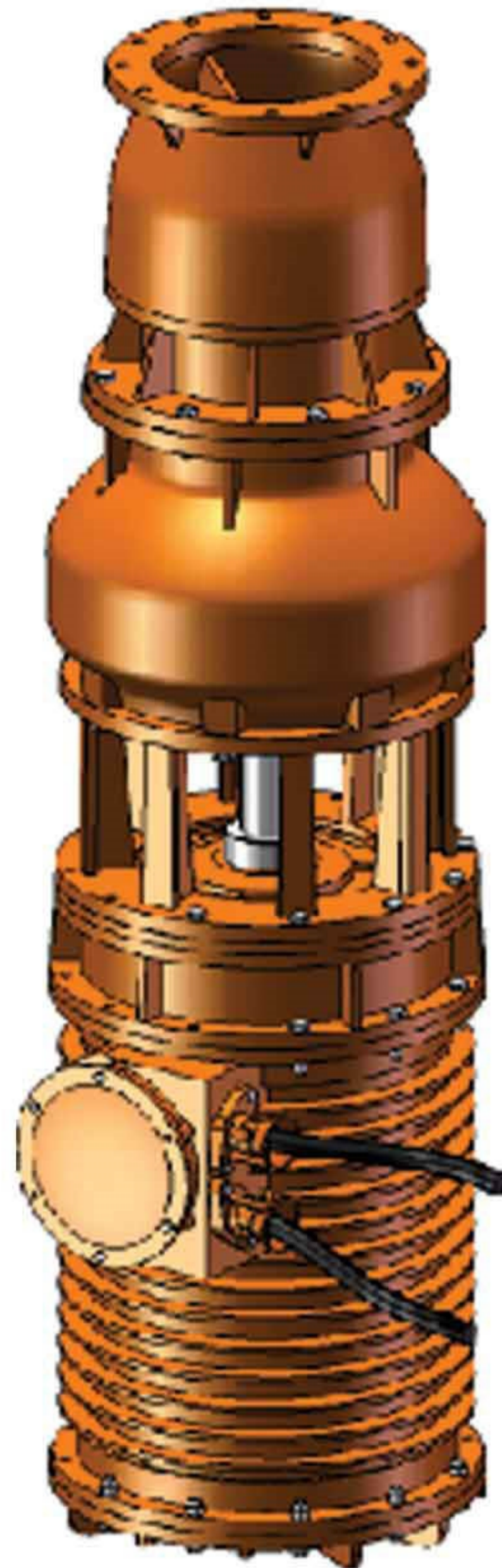
CENTERAGE CO.



## Submersible Electric Pumps SD 600/580/250 (50HZ)



Product	Cable	Rating						
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Direct on line 2 (4*35)	3~ Rated output 250 kw Speed of rotation 1450 rpm						
	<b>Monitoring equipment</b> Thermal & humidity contacts							
<b>Denomination</b>	<b>Material</b>	<table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380/660</td> <td>480</td> <td>960</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380/660	480	960
	Voltage V		Rated current A	Starting current A				
380/660	480	960						
Product code SD 600/580/250 Discharge connection 24"	Pump housing Cast iron GG25 Impeller Wear resistance steel Stator housing Cast iron GG25 Shaft Stainless steel 420 O-ring Viton rubber							
<b>Process data</b>	<b>Mechanical face seals</b>							
Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide							
<b>Motor data</b>	<b>Options</b>							
Squirrel cage 3-phase induction motor Frequency 50HZ Insulation class H (+180°C) Ingress of protection IP68 Voltage variation -continuously running Max ±5% -intermittent running Max ±10%	Explosion-proof approved variants							
Voltage imbalance between phases max 2% No. of start/hour max 15	<b>Accessories</b> Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.							



## Profile

### » Product

Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

### » Denomination

Product code SD 350/500/300  
Discharge connection 14"

### » Process data

Liquid temperature Max +40°C  
Depth of immersion Max 20m  
The PH of the liquid PH 5-8

### » Motor data

Squirrel cage 3-phase induction motor  
Frequency 50HZ  
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

### » Cable

Direct on line 2 (4 x35)

### » Monitoring equipment

Thermal & humidity contacts

### » Material

Pump housing	Cast iron
Impeller	Wear resistance steel
Stator housing	Cast iron
Shaft	Stainless steel 420
O-ring	Viton Rubber

### » Mechanical face seals

Upper	Silicon carbide/carbon
Lower	Tungsten carbide /silicon carbide

### » Option

Explosion-proof approved variants

### » Accessories

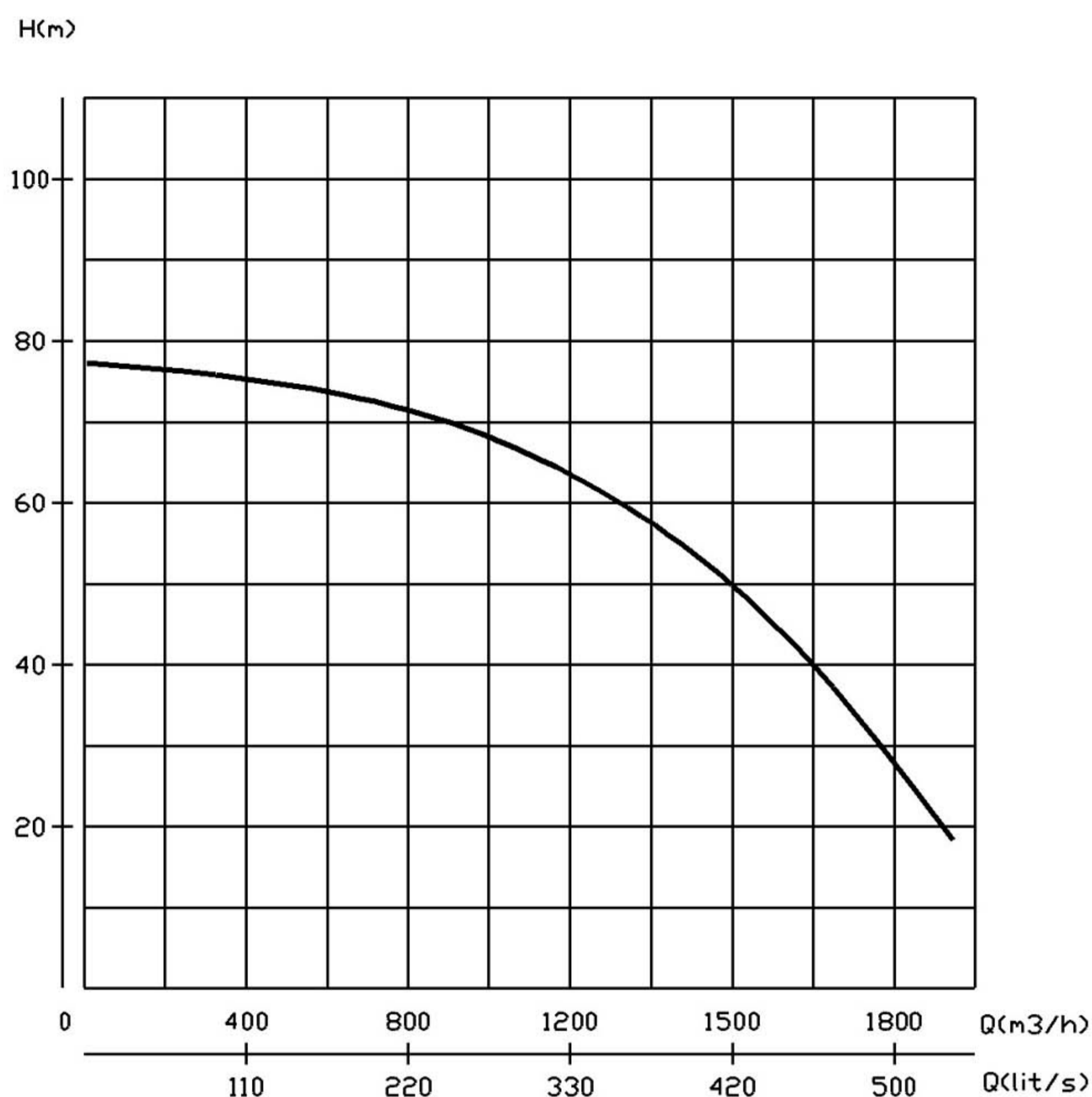
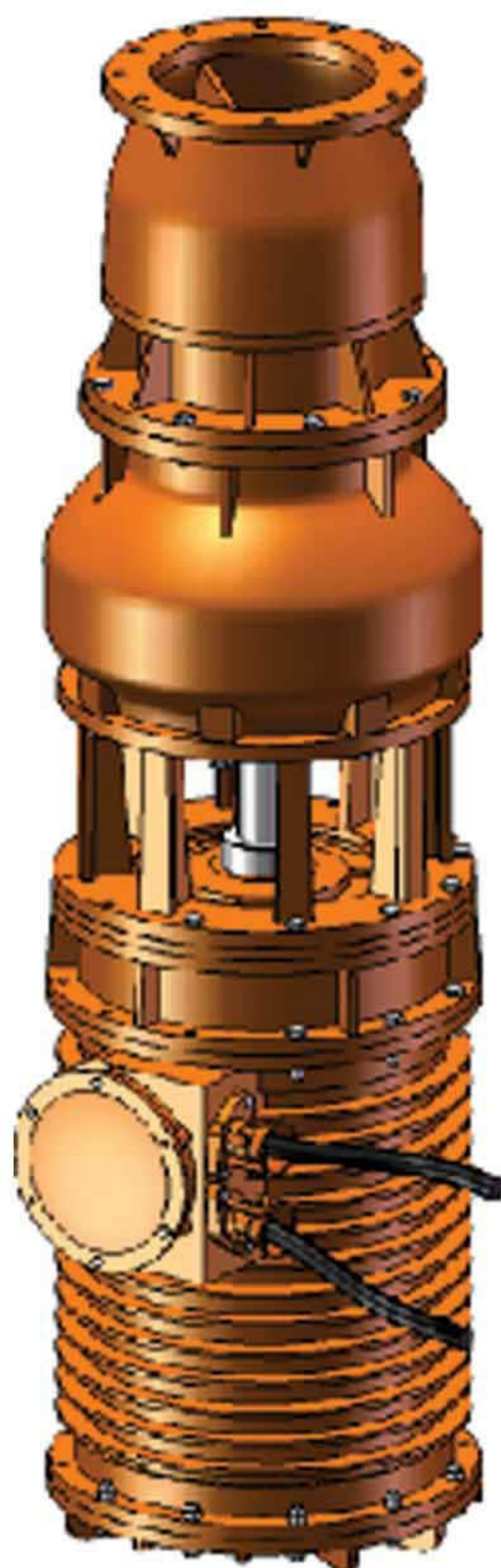
Hose connection and other mechanical accessories.  
Electrical accessories such as controller, control panels, starter, monitoring relays, cables.

### » Rating

3~  
Rated output 300 kw  
Speed of rotation 1450 rpm

Voltage V	Rated current A	Starting current A
380/660	50	1100





## Profile

### » Product

Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

### » Denomination

Product code SD 350/480/250  
Discharge connection 14"

### » Process data

Liquid temperature Max +40°C  
Depth of immersion Max 20m  
The PH of the liquid PH 5-8

### » Motor data

Squirrel cage 3-phase induction motor  
Frequency 50HZ  
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

### » Cable

Direct on line 2 (4 x35)

### » Monitoring equipment

Thermal & humidity contacts

### » Material

Pump housing	Cast iron
Impeller	Wear resistance steel
Stator housing	Cast iron
Shaft	Stainless steel 420
O-ring	Viton Rubber

### » Mechanical face seals

Upper	Silicon carbide/carbon
Lower	Tungsten carbide /silicon carbide

### » Option

Explosion-proof approved variants

### » Accessories

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

### » Rating

3~  
Rated output 250 kw  
Speed of rotation 1450 rpm

Voltage V	Rated current A	Starting current A
380/660	480	960

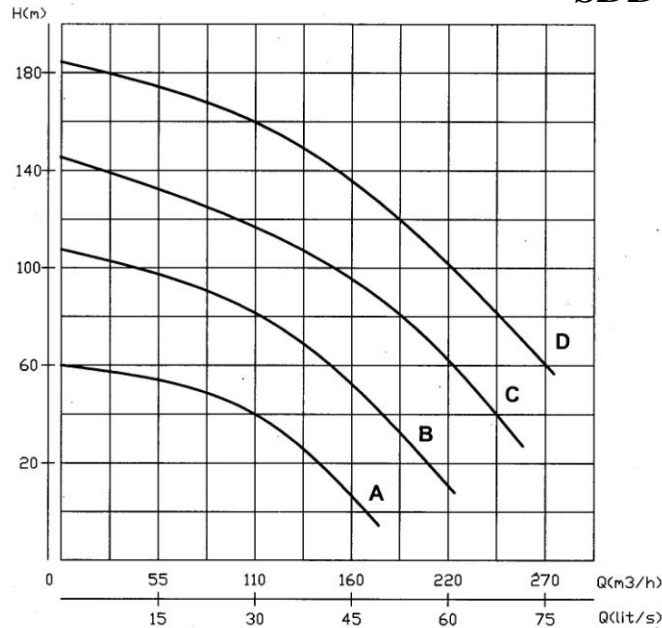
# Submersible Electric Pumps

**SDD-A 360/18.5/150**

**SDD-B 360/40/150**

**SDD-C 360/55/150**

**SDD-D 360/75/200**



## Product

Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

## Denomination

Product code      SDD-A 360/18.5/150  
                              SDD-B 360/40/150  
                              SDD-C 360/55/150  
                              SDD-D 360/75/150

Discharge connection      6"-8"

## Process data

Liquid temperature      Max +40°C  
 Depth of immersion      Max 20m  
 The PH of the liquid      PH5-8

## Motor data

Squirrel cage 3-phase induction motor  
 Frequency      50HZ  
 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

## Monitoring equipment

Thermal & humidity contacts

## Material

Pump housing      Cast iron  
 Impeller      Wear resistance steel  
 Stator housing      Cast iron  
 Shaft      Stainless steel  
 O-ring      Viton

## Mechanical face seals

Upper      Silicon carbide/carbon  
 Lower      Tungsten carbide /silicon carbide

## Options

Explosion-proof approved variants

## Accessories

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

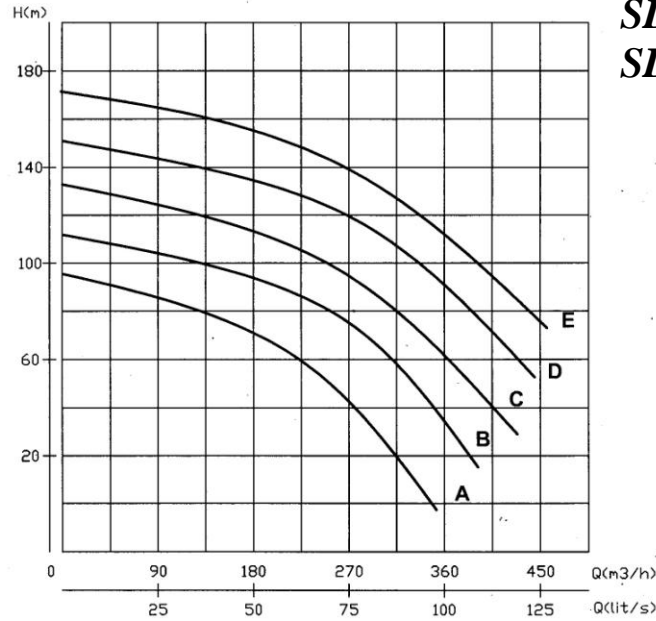
## Rating

3~  
 Speed of rotation      2950 rpm

Power kw	Rated current A	Voltage V	Stage
18.5	37	380	1
40	80	380/660	2
55	110	380/660	3
75	150	380/660	4

# Submersible Electric Pumps

**SDD-A 360/55/200**  
**SDD-B 400/75/200**  
**SDD-C 400/90/200**  
**SDD-D 400/125/200**  
**SDD-E 420/150/250**



## Product

Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

## Denomination

Product code      SDD-A 360/55/200  
                           SDD-B 400/75/200  
                           SDD-C 400/90/200  
                           SDD-D 400/125/200  
                           SDD-E 420/150/250

Discharge connection      8"-10"

## Process data

Liquid temperature      Max +40°C  
 Depth of immersion      Max 20m  
 The PH of the liquid      PH5-8

## Motor data

Squirrel cage 3-phase induction motor  
 Frequency      50HZ  
 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

## Monitoring equipment

Thermal & humidity contacts

## Material

Pump housing      Cast iron  
 Impeller      Wear resistance steel  
 Stator housing      Cast iron  
 Shaft      Stainless steel 420  
 O-ring      Viton

## Mechanical face seals

Upper      Silicon carbide/carbon  
 Lower      Tungsten carbide /silicon carbide

## Options

Explosion-proof approved variants

## Accessories

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

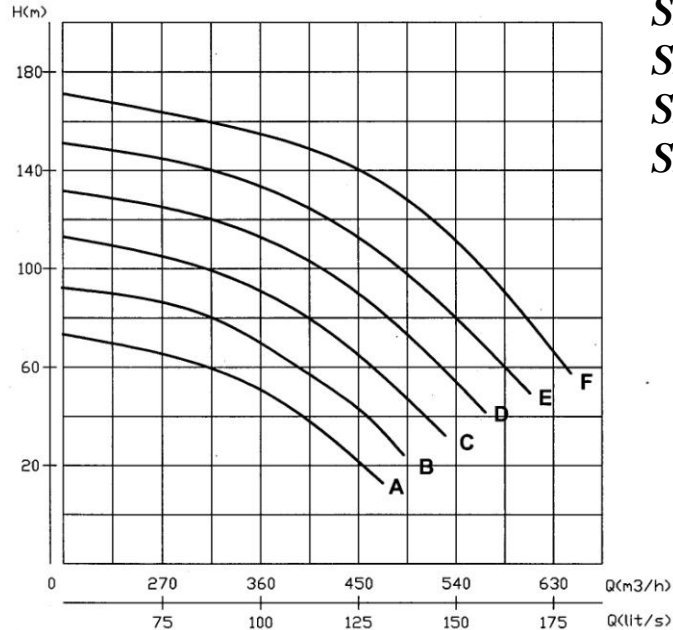
## Rating

3~  
 Speed of rotation      2950 rpm

Power kw	Rated current A	Voltage V	Stage
55	110	380/660	2
75	140	380/660	2
90	180	380/660	3
125	250	380/660	4
150	290	380/660	4

# Submersible Electric Pumps

**SDD-A 400/90/250**  
**SDD-B 400/110/250**  
**SDD-C 420/150/250**  
**SDD-D 400/200/250**  
**SDD-E 400/220/250**  
**SDD-F 420/280/300**



## Product

Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

## Denomination

Product code      SDD-A 400/90/250  
                           SDD-B 400/110/250  
                           SDD-C 420/150/250  
                           SDD-D 400/200/250  
                           SDD-E 400/220/250  
                           SDD-F 420/280/300

Discharge connection      10"-12"

## Process data

Liquid temperature      Max +40°C  
 Depth of immersion      Max 20m  
 The PH of the liquid      PH5-8

## Motor data

Squirrel cage 3-phase induction motor  
 Frequency                    50HZ  
 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

## Monitoring equipment

Thermal & humidity contacts

## Material

Pump housing      Cast iron  
 Impeller            Wear resistance steel  
 Stator housing      Cast iron  
 Shaft                Stainless steel  
 O-ring                Viton

## Mechanical face seals

Upper      Silicon carbide/carbon  
 Lower      Tungsten carbide /silicon carbide

## Options

Explosion-proof approved variants

## Accessories

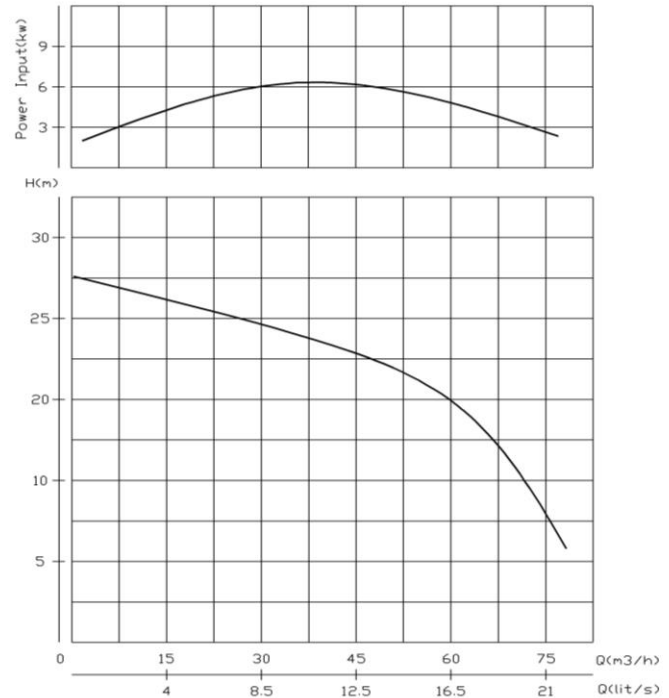
Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.

## Rating

3~  
 Speed of rotation      2950 rpm

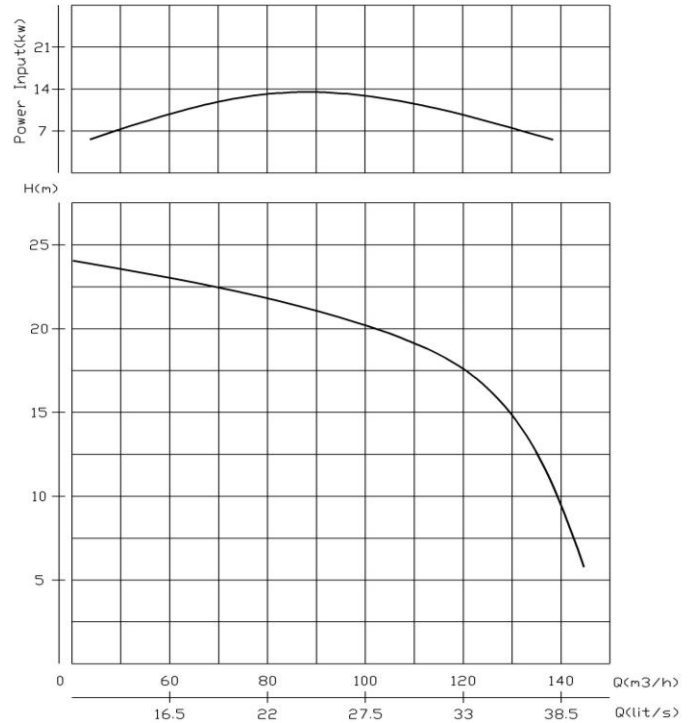
Power kw	Rated current A	Voltage V	Stage
90	180	380/660	1
110	220	380/660	2
150	280	380/660	2
200	350	380/660	3
220	420	380/660	4
280	480	380/660	4

## Submersible Electric Pumps SD 170/7.5/100 (50HZ)



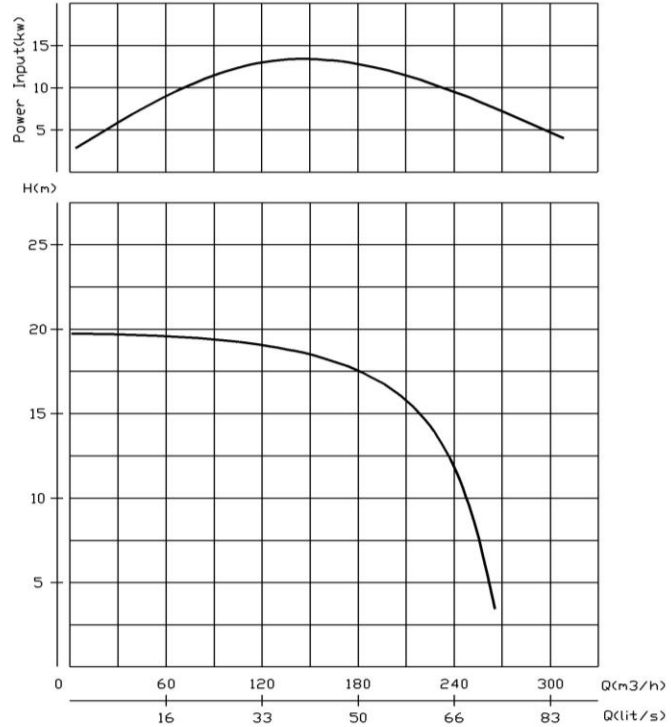
Product	Cable	Rating						
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Direct on line 4*4	3~ Rated output 7.5 kw Speed of rotation 2950 rpm						
	<b>Monitoring equipment</b> Thermal & humidity contacts							
<b>Denomination</b>	<b>Material</b>	<table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380</td> <td>15</td> <td>60</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380	15	60
	Voltage V		Rated current A	Starting current A				
380	15	60						
Product code SD 170/7.5/100 Discharge connection 4 "	Pump housing Cast iron GG25 Impeller Wear resistance steel Stator housing Cast iron GG25 Shaft Stainless steel 420 O-ring Viton Rubber							
<b>Process data</b>	<b>Mechanical face seals</b>							
Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide							
<b>Motor data</b>	<b>Options</b>							
Squirrel cage 3-phase induction motor Frequency 50HZ Insulation class H (+180°C) Ingress of protection IP68 Voltage variation -continuously running Max ±5% -intermittent running Max ±10%	Explosion-proof approved variants							
Voltage imbalance between phases max 2% No. of start/hour max 15	<b>Accessories</b> Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.							

# Submersible Electric Pumps SD 190/11~15/200 (50HZ)



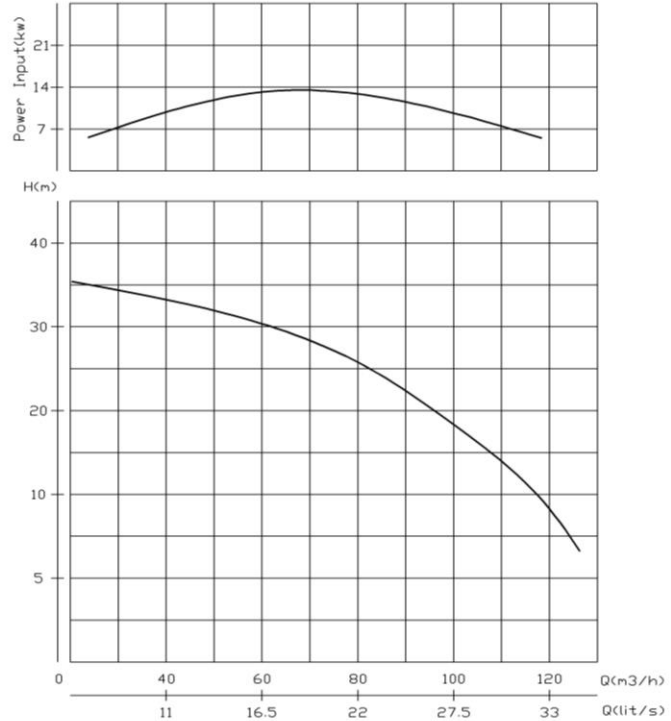
Product	Cable	Rating						
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Direct on line 4*10	3~ Rated output 11~15 kw Speed of rotation 2950 rpm						
	<b>Monitoring equipment</b> Thermal & humidity contacts							
<b>Denomination</b>	<b>Material</b>	<table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380</td> <td>22~30</td> <td>80~120</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380	22~30	80~120
	Voltage V		Rated current A	Starting current A				
380	22~30	80~120						
Product code SD 190/11~15/200 Discharge connection 8 "	Pump housing Cast iron GG25 Impeller Wear resistance steel Stator housing Cast iron GG25 Shaft Stainless steel 420 O-ring Viton Rubber							
<b>Process data</b>	<b>Mechanical face seals</b>							
Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide							
<b>Motor data</b>	<b>Options</b>							
Squirrel cage 3-phase induction motor Frequency 50HZ Insulation class H (+180°C) Ingress of protection IP68 Voltage variation -continuously running Max ±5% -intermittent running Max ±10%	Explosion-proof approved variants							
Voltage imbalance between phases max 2% No. of start/hour max 15	<b>Accessories</b> Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.							

# Submersible Electric Pumps SD 200/15/150 (50HZ)



Product	Cable	Rating						
<p>Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.</p> <p><b>Denomination</b></p> <p>Product code SD 200/15/150 Discharge connection 6 "</p> <p><b>Process data</b></p> <p>Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8</p> <p><b>Motor data</b></p> <p>Squirrel cage 3-phase induction motor Frequency 50HZ Insulation class H (+180°C) Ingress of protection IP68 Voltage variation -continuously running Max ±5% -intermittent running Max ±10%</p> <p>Voltage imbalance between phases max 2% No. of start/hour max 15</p>	<p>Direct on line 4*10</p> <p><b>Monitoring equipment</b></p> <p>Thermal &amp; humidity contacts</p> <p><b>Material</b></p> <p>Pump housing Cast iron GG25 Impeller Wear resistance steel Stator housing Cast iron GG25 Shaft Stainless steel 420 O-ring Viton Rubber</p>	<p>3~ Rated output 15 kw Speed of rotation 2950 rpm</p> <table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380</td> <td>30</td> <td>120</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380	30	120
	Voltage V		Rated current A	Starting current A				
	380		30	120				
<p><b>Mechanical face seals</b></p> <p>Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide</p>								
<p><b>Options</b></p> <p>Explosion-proof approved variants</p> <p><b>Accessories</b></p> <p>Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.</p>								

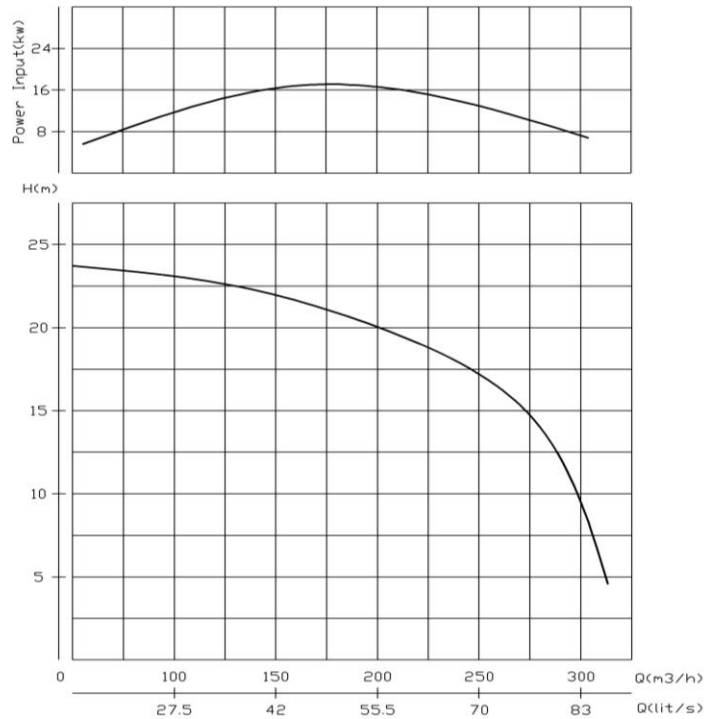
# Submersible Electric Pumps SD 200/15/150/1(50HZ)



Product	Cable	Rating						
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Direct on line 4*10	3~ Rated output 15 kw Speed of rotation 2950 rpm						
	<b>Monitoring equipment</b> Thermal & humidity contacts							
<b>Denomination</b>	<b>Material</b>	<table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380</td> <td>30</td> <td>120</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380	30	120
	Voltage V		Rated current A	Starting current A				
380	30	120						
Product code SD 200/15/150 Discharge connection 6 "	Pump housing Cast iron GG25 Impeller Wear resistance steel Stator housing Cast iron GG25 Shaft Stainless steel 420 O-ring Viton Rubber							
<b>Process data</b>	<b>Mechanical face seals</b>							
Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide							
<b>Motor data</b>	<b>Options</b>							
Squirrel cage 3-phase induction motor Frequency 50HZ Insulation class H (+180°C) Ingress of protection IP68 Voltage variation -continuously running Max ±5% -intermittent running Max ±10%	Explosion-proof approved variants							
Voltage imbalance between phases max 2% No. of start/hour max 15	<b>Accessories</b> Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.							

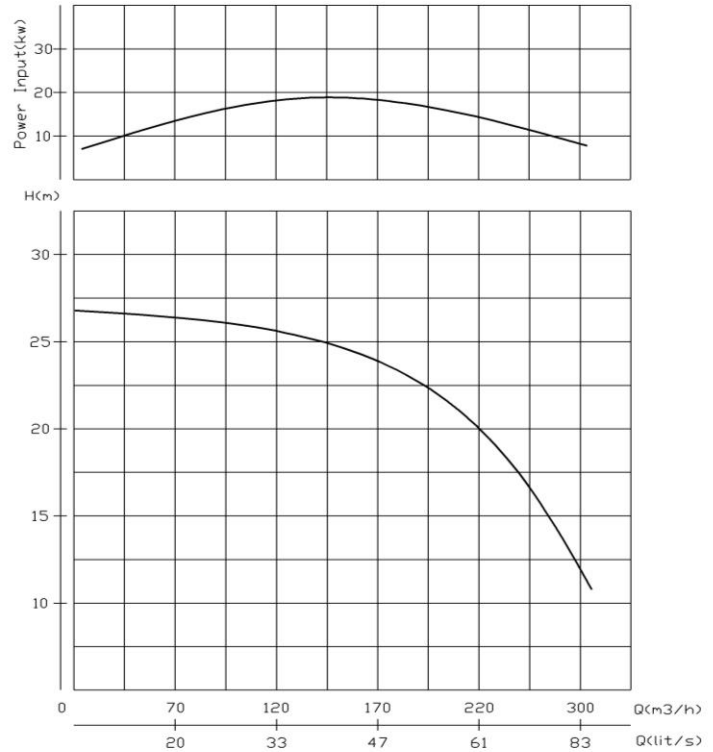


# Submersible Electric Pumps SD 330/18.5/200(50HZ)



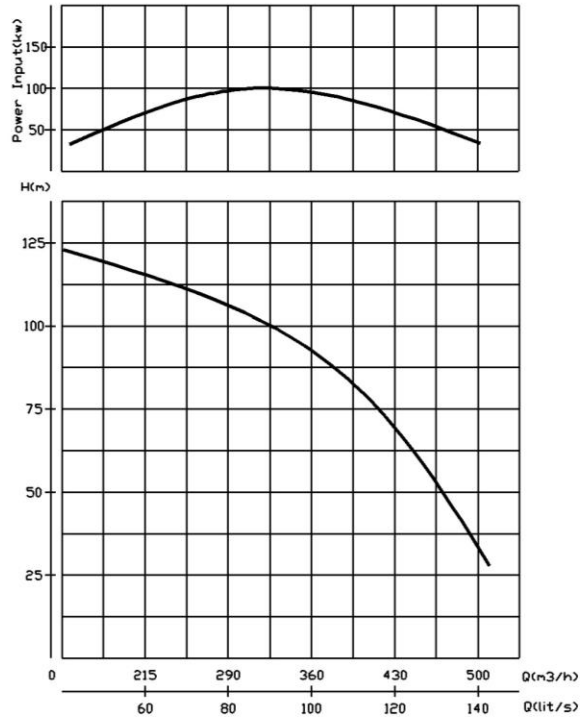
Product	Cable	Rating						
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Direct on line 4*10	3~ Rated output 18.5 kw Speed of rotation 1450 rpm						
<b>Denomination</b>	<b>Monitoring equipment</b> Thermal & humidity contacts							
<b>Process data</b>	<b>Material</b>	<table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380/660</td> <td>36</td> <td>72</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380/660	36	72
Voltage V	Rated current A		Starting current A					
380/660	36	72						
Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8	Pump housing Cast iron GG25 Impeller Wear resistance steel Stator housing Cast iron GG25 Shaft Stainless steel 420 O-ring Viton Rubber							
<b>Motor data</b>	<b>Mechanical face seals</b>							
Squirrel cage 3-phase induction motor Frequency 50HZ 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	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide							
	<b>Options</b>							
	Explosion-proof approved variants							
	<b>Accessories</b>							
	Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.							

# Submersible Electric Pumps SD 330/22/150(50HZ)



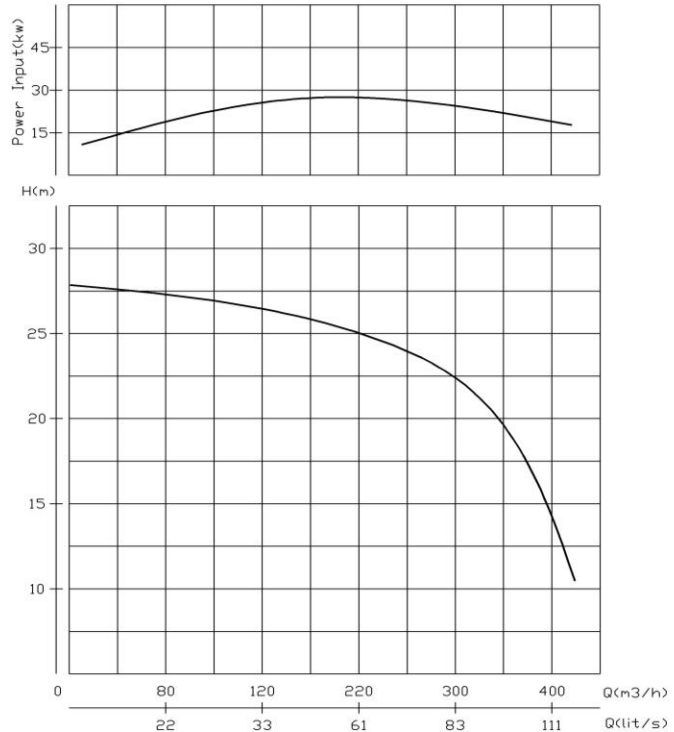
Product	Cable	Rating						
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Direct on line 4*10 <b>Monitoring equipment</b> Thermal & humidity contacts	3~ Rated output 22 kw Speed of rotation 1450 rpm						
<b>Denomination</b>	<b>Material</b>	<table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380</td> <td>40</td> <td>120</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380	40	120
Voltage V	Rated current A		Starting current A					
380	40	120						
Product code SD 330/22/150 Discharge connection 6 "	Pump housing Cast iron GG25 Impeller Wear resistance steel Stator housing Cast iron GG25 Shaft Stainless steel 420 O-ring Viton Rubber							
<b>Process data</b>	<b>Mechanical face seals</b>							
Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide							
<b>Motor data</b>	<b>Options</b>							
Squirrel cage 3-phase induction motor Frequency 50HZ Insulation class H (+180°C) Ingress of protection IP68 Voltage variation -continuously running Max ±5% -intermittent running Max ±10%	Explosion-proof approved variants							
Voltage imbalance between phases max 2% No. of start/hour max 15	<b>Accessories</b> Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.							

# Submersible Electric Pumps SD 150/280-1/110 (50HZ)



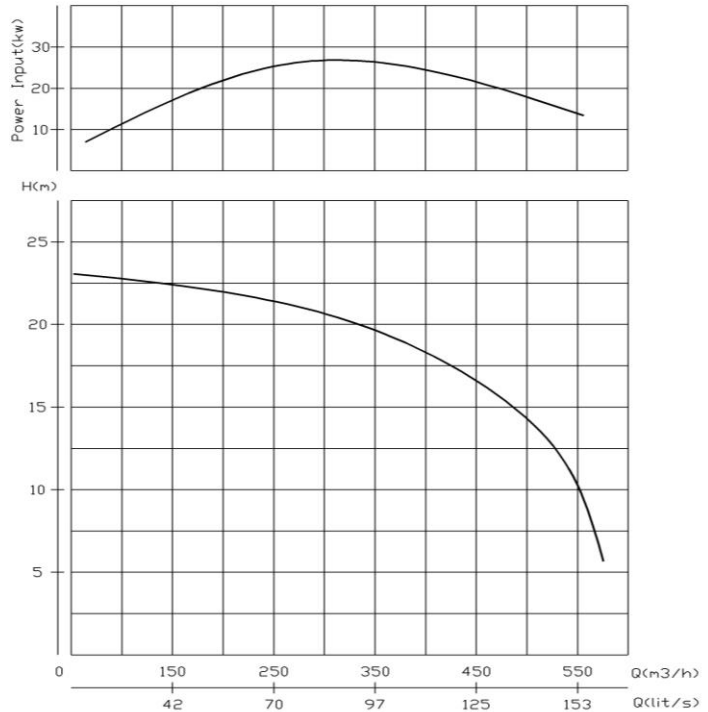
Product	Cable	Rating						
<p>Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.</p>	Direct on line 2 (4*25)	<p>3~ Rated output 110 kw Speed of rotation 2950 rpm</p>						
	<p><b>Monitoring equipment</b> Thermal &amp; humidity contacts</p>							
<p><b>Denomination</b></p> <p>Product code SD 150/280-1/110 Discharge connection 6" – 8"</p>	<p><b>Material</b></p> <p>Pump housing Cast iron Impeller Wear resistance steel Stator housing Cast iron Shaft Stainless steel 420 O-ring Viton Rubber</p>	<table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380/660</td> <td>220</td> <td>440</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380/660	220	440
	Voltage V		Rated current A	Starting current A				
380/660	220	440						
<p><b>Process data</b></p> <p>Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8</p>	<p><b>Mechanical face seals</b></p> <p>Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide</p>							
<p><b>Motor data</b></p> <p>Squirrel cage 3-phase induction motor Frequency 50HZ Insulation class H (+180°C) Ingress of protection IP68 Voltage variation -continuously running Max ±5% -intermittent running Max ±10%</p> <p>Voltage imbalance between phases max 2% No. of start/hour max 15</p>	<p><b>Options</b></p> <p>Explosion-proof approved variants</p> <p><b>Accessories</b></p> <p>Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.</p>							

# Submersible Electric Pumps SD 380/30/150(50HZ)



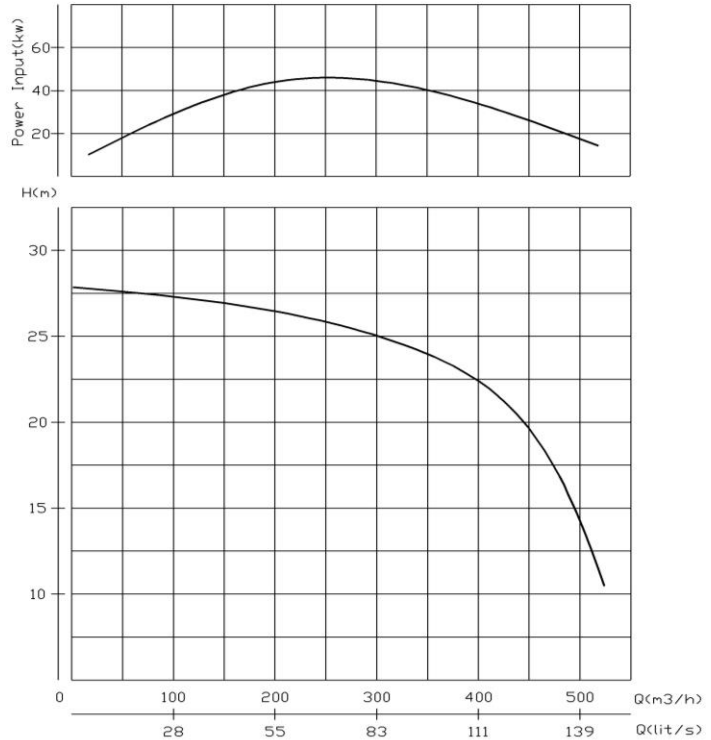
Product	Cable	Rating						
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Direct on line 2(4*10)	3~ Rated output 30 kw Speed of rotation 1450 rpm						
	<b>Monitoring equipment</b> Thermal & humidity contacts							
<b>Denomination</b>	<b>Material</b>	<table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380/660</td> <td>60</td> <td>120</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380/660	60	120
	Voltage V		Rated current A	Starting current A				
380/660	60	120						
Product code SD 380/30/150 Discharge connection 6 "	Pump housing Cast iron GG25 Impeller Wear resistance steel Stator housing Cast iron GG25 Shaft Stainless steel 420 O-ring Viton Rubber							
<b>Process data</b>	<b>Mechanical face seals</b>							
Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide							
<b>Motor data</b>	<b>Options</b>							
Squirrel cage 3-phase induction motor Frequency 50HZ Insulation class H (+180°C) Ingress of protection IP68 Voltage variation -continuously running Max ±5% -intermittent running Max ±10%	Explosion-proof approved variants							
Voltage imbalance between phases max 2% No. of start/hour max 15	<b>Accessories</b> Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.							

# Submersible Electric Pumps SD 300/30/200(50HZ)



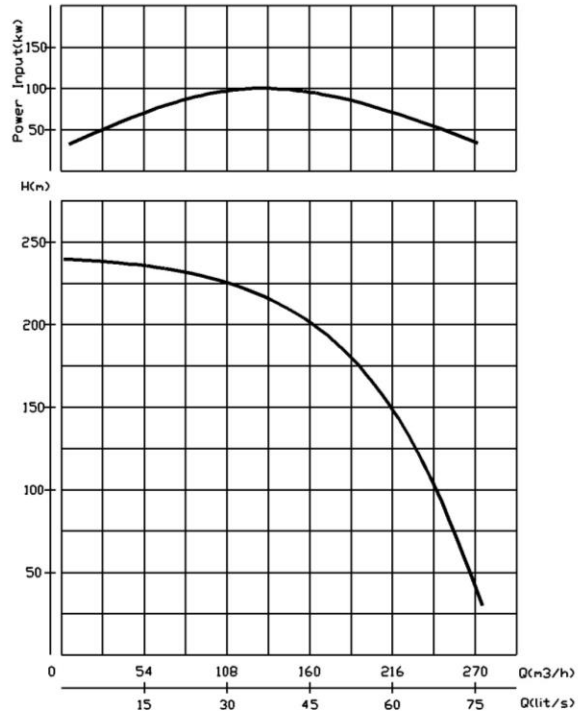
Product	Cable	Rating						
<p>Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.</p> <p><b>Denomination</b></p> <p>Product code SD 300/30/200 Discharge connection 8 "</p> <p><b>Process data</b></p> <p>Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8</p> <p><b>Motor data</b></p> <p>Squirrel cage 3-phase induction motor Frequency 50HZ 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</p>	<p>Direct on line 4*10</p> <p><b>Monitoring equipment</b></p> <p>Thermal &amp; humidity contacts</p> <p><b>Material</b></p> <p>Pump housing Cast iron GG25 Impeller Wear resistance steel Stator housing Cast iron GG25 Shaft Stainless steel 420 O-ring Viton Rubber</p>	<p>3~ Rated output 30 kw Speed of rotation 1450 rpm</p> <table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380/660</td> <td>60</td> <td>120</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380/660	60	120
	Voltage V		Rated current A	Starting current A				
	380/660		60	120				
<p><b>Mechanical face seals</b></p> <p>Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide</p>								
<p><b>Options</b></p> <p>Explosion-proof approved variants</p> <p><b>Accessories</b></p> <p>Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.</p>								

# Submersible Electric Pumps SD 380/55/250(50HZ)



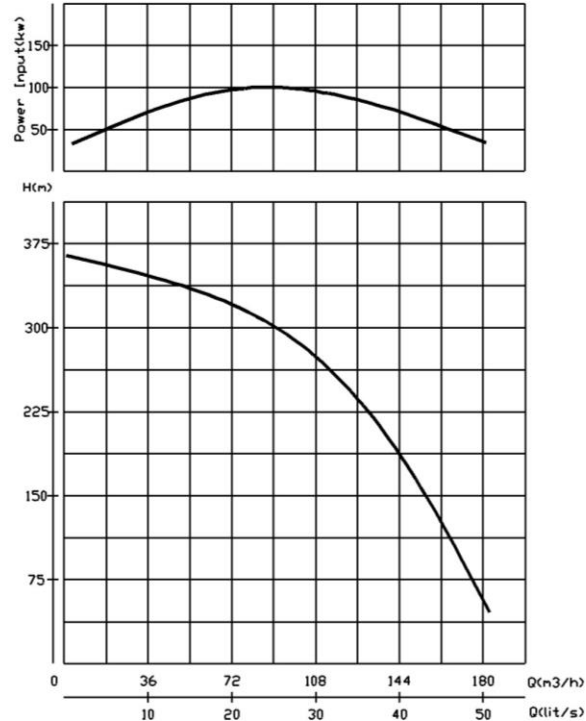
Product	Cable	Rating						
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand, deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Direct on line 2(4*10)	3~ Rated output 55 kw Speed of rotation 1450 rpm						
<b>Denomination</b>	<b>Monitoring equipment</b> Thermal & humidity contacts							
<b>Process data</b>	<b>Material</b> Pump housing Cast iron GG25 Impeller Wear resistance steel Stator housing Cast iron GG25 Shaft Stainless steel 420 O-ring Viton Rubber	<table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380/660</td> <td>100</td> <td>200</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380/660	100	200
Voltage V	Rated current A	Starting current A						
380/660	100	200						
Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8	<b>Mechanical face seals</b> Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide							
<b>Motor data</b> Squirrel cage 3-phase induction motor Frequency 50HZ 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	<b>Options</b> Explosion-proof approved variants							
	<b>Accessories</b> Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.							

# Submersible Electric Pumps SD 150/280-2/110 (50HZ)



Product	Cable	Rating						
<p>Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.</p> <p><b>Denomination</b></p> <p>Product code SD 150/280-2/110 Discharge connection 6" – 8"</p> <p><b>Process data</b></p> <p>Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8</p> <p><b>Motor data</b></p> <p>Squirrel cage 3-phase induction motor Frequency 50HZ Insulation class H (+180°C) Ingress of protection IP68 Voltage variation -continuously running Max ±5% -intermittent running Max ±10%</p> <p>Voltage imbalance between phases max 2% No. of start/hour max 15</p>	<p>Direct on line 2 (4*25)</p> <p><b>Monitoring equipment</b></p> <p>Thermal &amp; humidity contacts</p> <p><b>Material</b></p> <p>Pump housing Cast iron Impeller Wear resistance steel Stator housing Cast iron Shaft Stainless steel 420 O-ring Viton Rubber</p>	<p>3~ Rated output 110 kw Speed of rotation 2950 rpm</p> <table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380/660</td> <td>220</td> <td>440</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380/660	220	440
	Voltage V		Rated current A	Starting current A				
	380/660		220	440				
<p><b>Mechanical face seals</b></p> <p>Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide</p>								
<p><b>Options</b></p> <p>Explosion-proof approved variants</p> <p><b>Accessories</b></p> <p>Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.</p>								

# Submersible Electric Pumps SD 150/280-3/125 (50HZ)



Product	Cable	Rating						
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Direct on line 2 (4*25)	3~ Rated output 125 kw Speed of rotation 2950 rpm						
<b>Denomination</b>	<b>Monitoring equipment</b> Thermal & humidity contacts							
	<b>Material</b>							
	Pump housing Cast iron Impeller Wear resistance steel Stator housing Cast iron Shaft Stainless steel 420 O-ring Viton Rubber	<table border="1"> <thead> <tr> <th>Voltage V</th> <th>Rated current A</th> <th>Starting current A</th> </tr> </thead> <tbody> <tr> <td>380/660</td> <td>250</td> <td>500</td> </tr> </tbody> </table>	Voltage V	Rated current A	Starting current A	380/660	250	500
Voltage V	Rated current A	Starting current A						
380/660	250	500						
Product code SD 150/280-3/125 Discharge connection 6" – 8"	<b>Mechanical face seals</b>							
<b>Process data</b>	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide							
Liquid temperature Max +40°C Depth of immersion Max 20m The PH of the liquid PH5-8	<b>Options</b>							
<b>Motor data</b>	Explosion-proof approved variants							
Squirrel cage 3-phase induction motor Frequency 50HZ Insulation class H (+180°C) Ingress of protection IP68 Voltage variation -continuously running Max ±5% -intermittent running Max ±10%	<b>Accessories</b>							
Voltage imbalance between phases max 2% No. of start/hour max 15	Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.							