

HIDRO PUMP CATALOGUE

DEWATERING
PUMPS
415 VOLTS

50 Hz

STAINLESS STEEL


DOWDENS
PUMPING & WATER TREATMENT

Making water work for you



HIDRO pump

DEWATERING STAINLESS STEEL PUMPS 415V

At Hidro Pumps, we provide expertly designed equipment that offers practical and efficient solutions for a vast range of pumping applications. Our strength lies in our ability to deliver superior technology that solves complex fluid management challenges. Every product in our portfolio is a testament to our core principles of precision, power, and innovation, ensuring you receive a reliable and high-performance solution tailored to your specific operational needs.

Our comprehensive product range are engineered to perform in the most demanding industrial environments.

Designed for robust and efficient water removal, our dewatering pumps are essential for maintaining dry and safe conditions in construction sites, mines, and municipal works. These pumps are built to handle high volumes of water, even with light abrasives, providing dependable performance when you need it most.

Products

Dewatering Pumps

Power: 1.5kW / 2hp - 11kW / 15 hp

Flow: 4l/s - 30l/s

Lift: 8m - 70m

Voltage: 415v

Standard



Japla
HP2

Japla
HP3

Japla
HP5

Japla
HP7

Miura
HP10

Espada
HP15

Dewatering Pumps

Power: 22kw / 30hp - 335kW / 450 hp

Flow: 30ls - 250l/s

Lift: 30m - 200m

Voltage: 415v

Standard



Diablo
HP35

Gallardo
HP58

Countach
HP80

Hurican
HP100

Aventador
HP115

Revento
HP150

Estoque
HP300

Asterion
HP450

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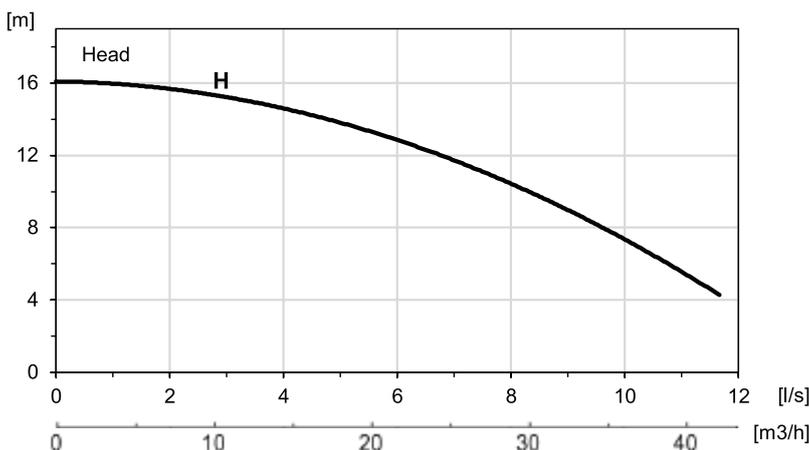
STAINLESS STEEL



*Reference image

Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H
Power, [kW / HP]	1.8 / 2.5
Voltage, V	380 / 400 / 500
Nominal current, A	4.2 / 3.9 / 3.2
Weight, kg	31
Max. height, mm	360
Max. width, mm	242
Discharge, in.	2"
Strainer opening Ø, mm	7



Models

H: High Pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor.
Speed: 2950 RPM
Insulation class: H
Start: Direct
Max. number of starts per hour: 12

Motor protection

Three-phase squirrel cage motor.
Protection: IP 68

Cable

4Gx2.5mm² + 2x1mm², 20m⁽¹⁾

Mechanical seals

Mechanical seal in oil chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Deep groove ball bearing C3.

Discharge connection

2" H

Limitations

Maximum submersion: 20m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
External cover: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Volute: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

This pump must be connected to an external electrical cabinet with adequate protections.

*Specifications are subject to change without notice.

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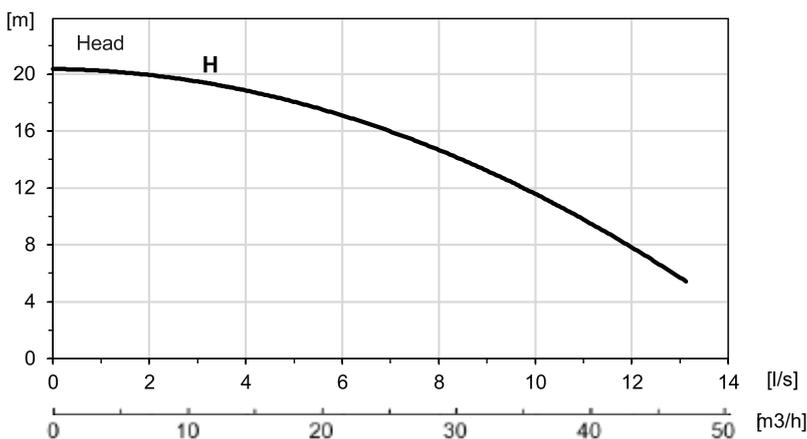
STAINLESS STEEL



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Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H
Power, [kW / HP]	2.6 / 3.5
Voltage, V	380 / 400 / 500
Nominal current, A	5.6 / 5.3 / 4.3
Weight, kg	35
Max. height, mm	370
Max. width, mm	250
Discharge, in.	2"
Strainer opening Ø, mm	7



Models

H: High Pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor.
Speed: 2950 RPM
Insulation class: H
Start: Direct
Max. number of starts per hour: 12

Motor protection

Three-phase squirrel cage motor.
Protection: IP 68

Cable

4Gx2.5mm² + 2x1mm², 20m⁽¹⁾

Mechanical seals

Mechanical seal in oil chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Deep groove ball bearing C3.

Discharge connection

2" H

Limitations

Maximum submersion: 20m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
External cover: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Volute: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

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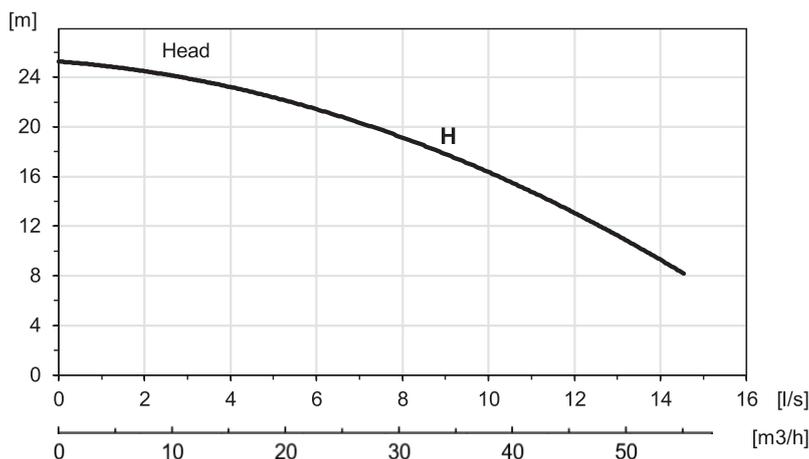
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*Reference image

Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H
Power, [kW / HP]	3.7 / 5
Voltage, V	380 / 400 / 500
Nominal current, A	7.7 / 7.3 / 5.8
Weight, kg	42
Max. height, mm	390
Max. width, mm	260
Discharge, in.	3"
Strainer opening Ø, mm	7



Models

H: High Pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor.
Speed: 2950 RPM
Insulation class: H
Start: Direct
Max. number of starts per hour: 12

Motor protection

Three-phase squirrel cage motor.
Protection: IP 68

Cable

4Gx2.5mm² + 2x1mm², 20m⁽¹⁾

Mechanical seals

Mechanical seal in oil chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Deep groove ball bearing C3

Discharge connection

3" H

Limitations

Maximum submersion: 20m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
External cover: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Volute: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

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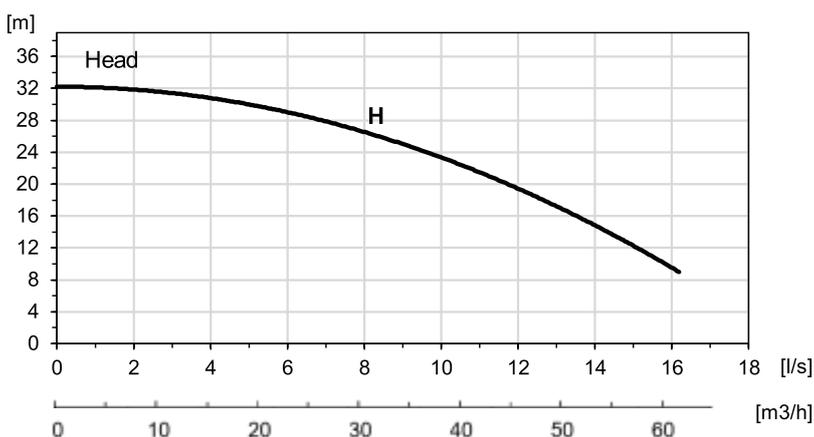
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*Reference image

Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H
Power, [kW / HP]	5.5 / 7.5
Voltage, V	380 / 400 / 500
Nominal current, A	11.2 / 10.6 / 8.5
Weight, kg	62
Max. height, mm	425
Max. width, mm	280
Discharge, in.	3"
Strainer opening Ø, mm	7



Models

H: High Pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor.
Speed: 2950 RPM
Insulation class: H
Start: Direct
Max. number of starts per hour: 12

Motor protection

Three-phase squirrel cage motor.
Protection: IP 68

Cable

4Gx4mm² + 2x1mm², 20m^(*)

Mechanical seals

Mechanical seal in oil chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Deep groove ball bearing C3.

Discharge connection

3" H

Limitations

Maximum submersion: 20m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
External cover: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Volute: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

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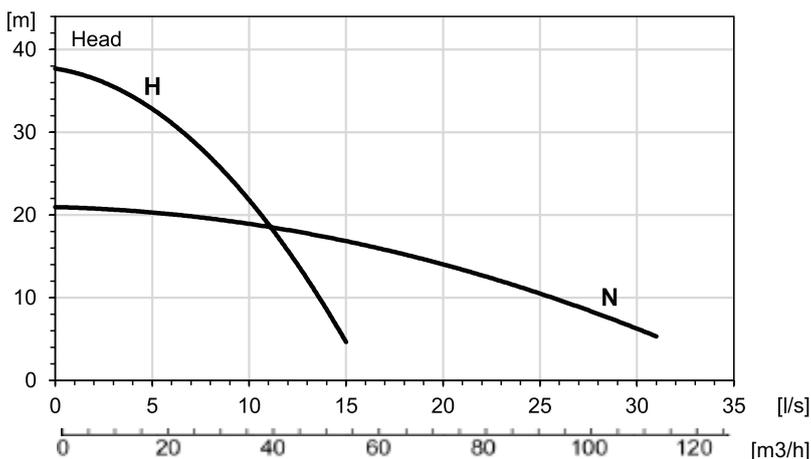


STAINLESS STEEL



Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H	N
Power, [kW / HP]	5.5 / 7.5	5.5 / 7.5
Voltage, V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	11.5 / 11 / 9	11.5 / 11 / 9
Weight, kg	100	100
Max. height, mm	786	786
Max. width, mm	305	305
Discharge, in.	3"	4"
Strainer opening Ø, mm	7	7



Models

N: Normal Pressure
H: High pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor.
Speed: 2950 RPM
Insulation class: H
Start: Direct
Max. number of starts per hour: 12

Motor protection

Three-phase squirrel cage motor.
Protection: IP 68

Cable

4Gx10mm² + 2x1.5mm², 20m^(*)

Mechanical seals

Double mechanical seal in oil and water chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Deep groove ball bearing C3.

Discharge connection

3" H - 4" N. (*)

Limitations

Maximum submersion: 20m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
Cylinder: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Diffusers: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

This pump must be connected to an external electrical cabinet with adequate protections.

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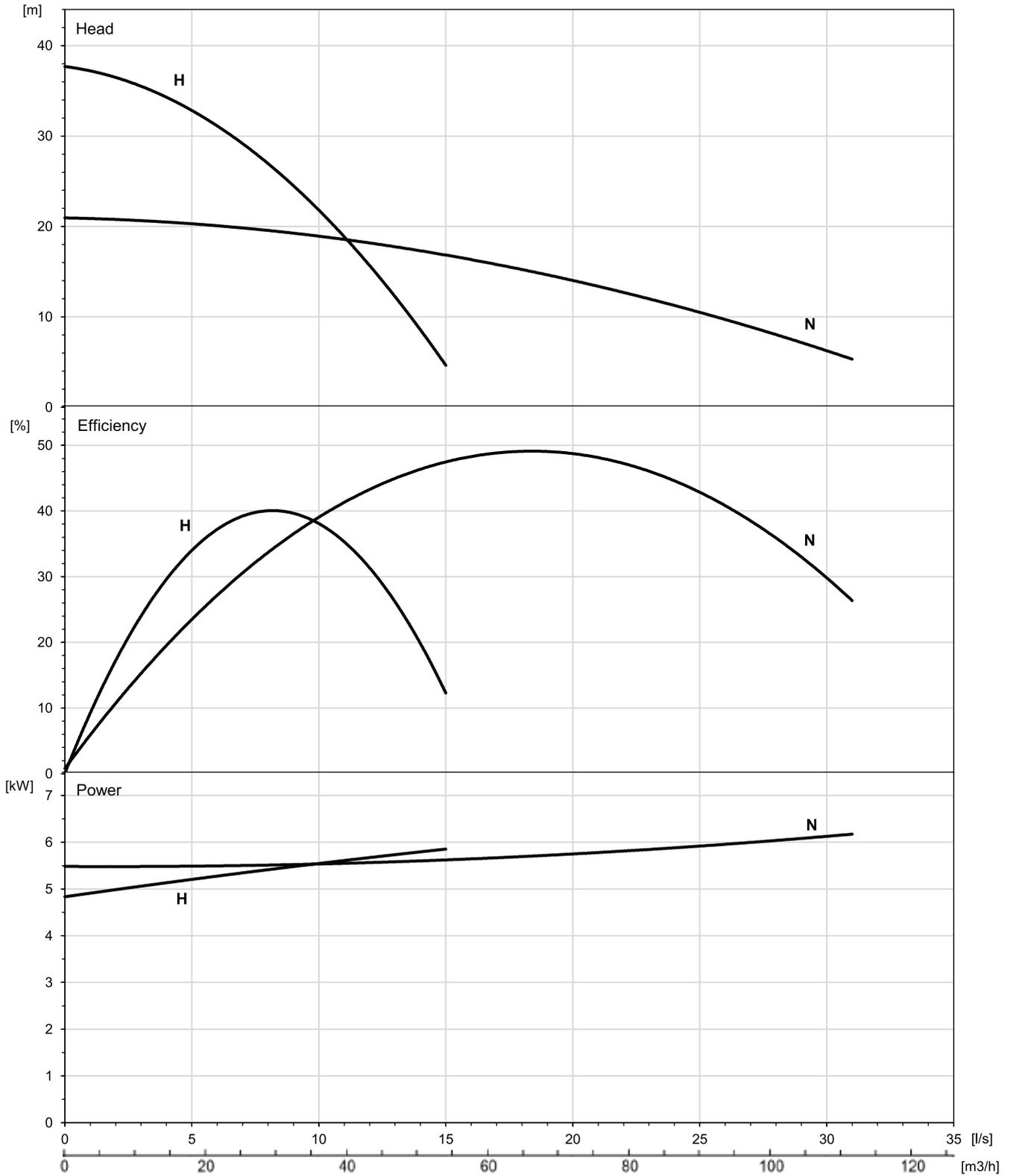
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Curve: ISO 9906

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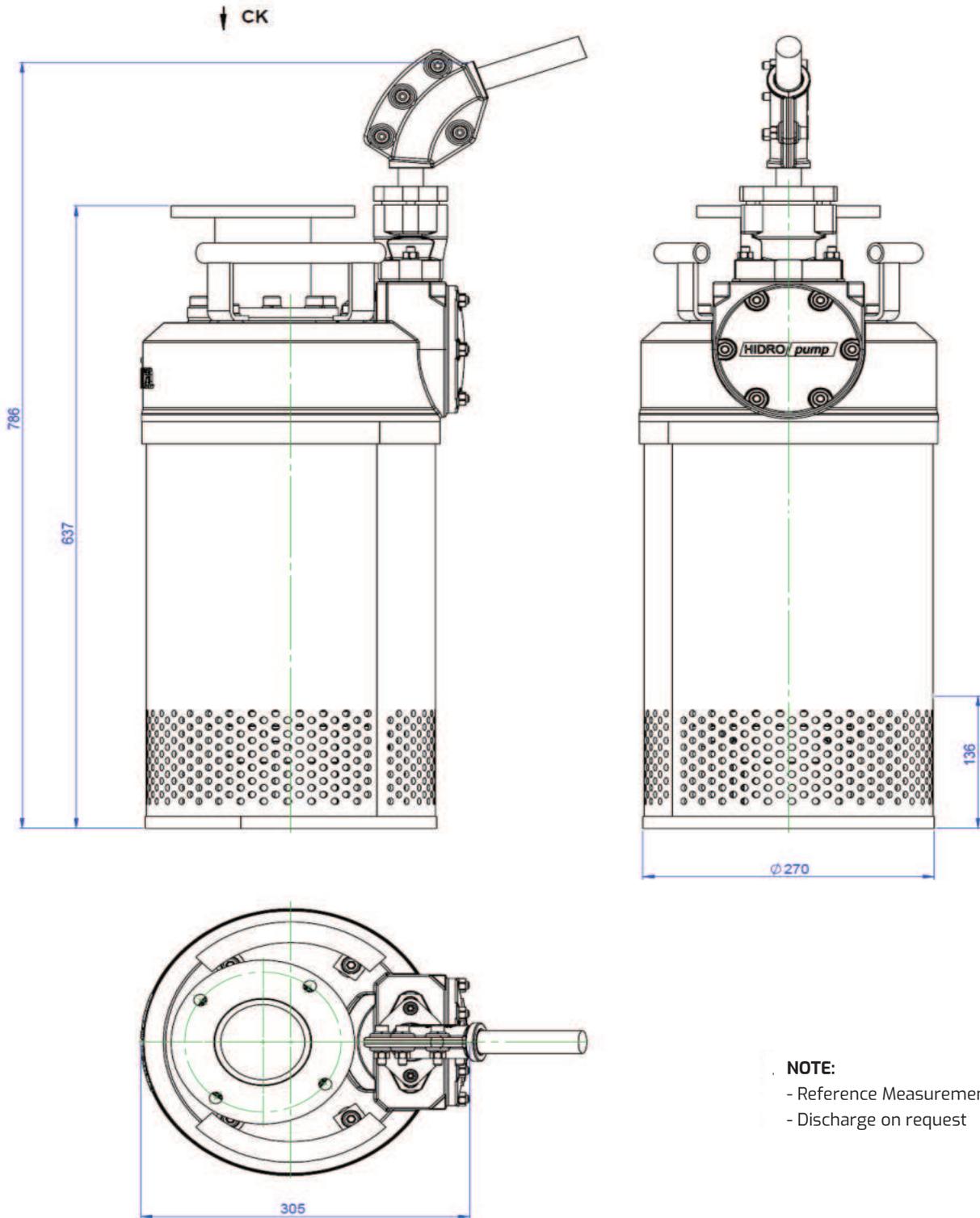
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H / N



VIEW CK

NOTE:

- Reference Measurements
- Discharge on request

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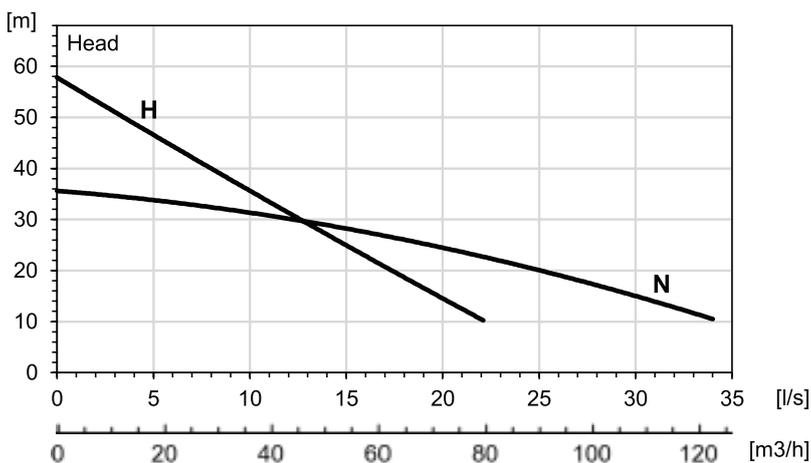
STAINLESS STEEL



*Reference image

Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H	N
Power, [kW / HP]	11 / 15	11 / 15
Voltage, V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	20.8 / 19.8 / 15.8	20.8 / 19.8 / 15.8
Weight, kg	88.5	88.5
Max. height, mm	856	856
Max. width, mm	320	320
Discharge, in.	3"	4"
Strainer opening Ø, mm	7	7



Models

N: Normal Pressure
H: High pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor.
Speed: 2950 RPM
Insulation class: H
Start: Direct
Max. number of starts per hour: 12

Motor protection

Three-phase squirrel cage motor.
Protection: IP 68

Cable

4Gx10mm² + 2x1.5mm², 20m^(*)

Mechanical seals

Double mechanical seal in oil and water chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Deep groove ball bearing C3.

Discharge connection

3" H - 4" N. (*)

Limitations

Maximum submersion: 20m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
Cylinder: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Diffusers: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

This pump must be connected to an external electrical cabinet with adequate protections.

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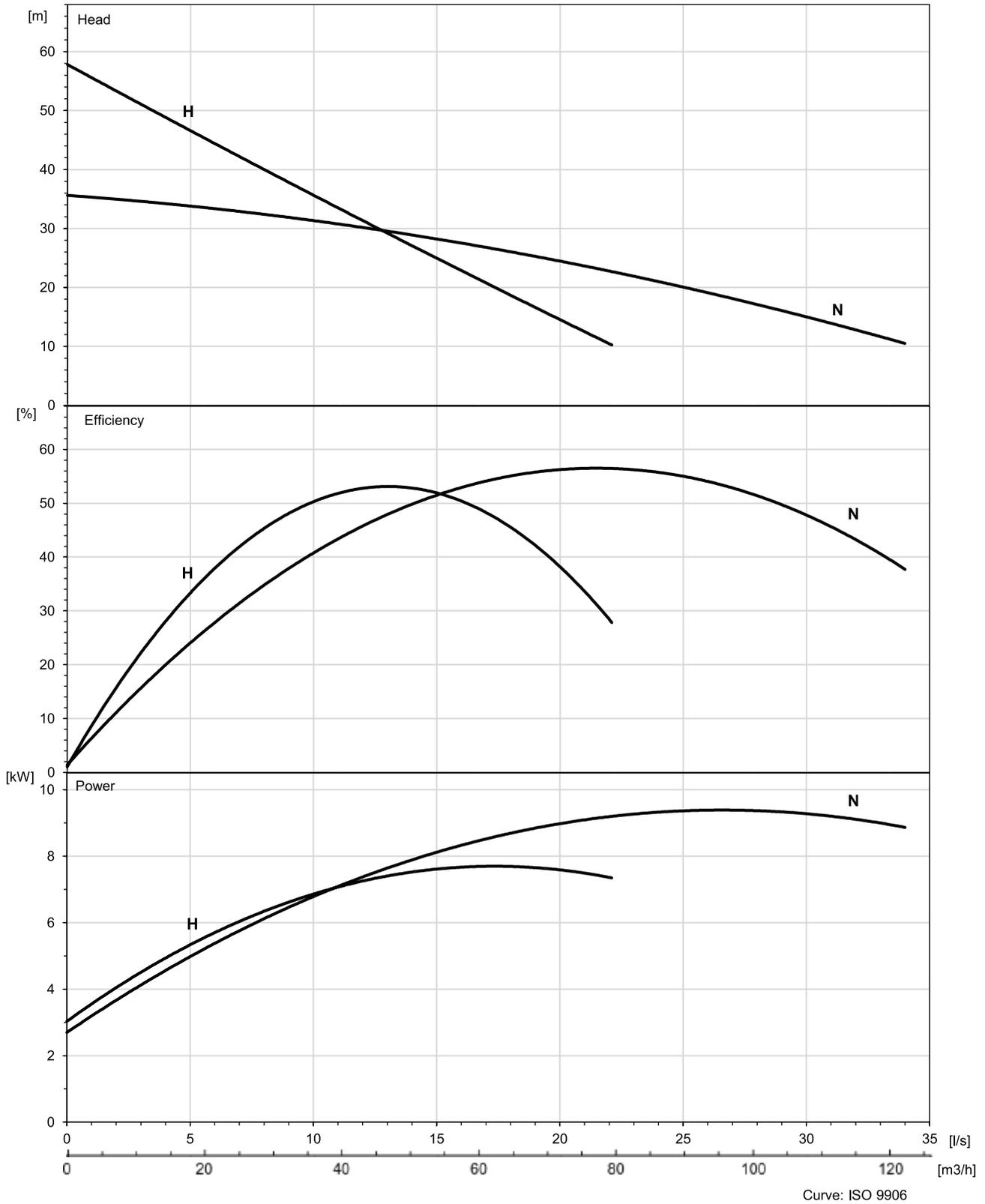
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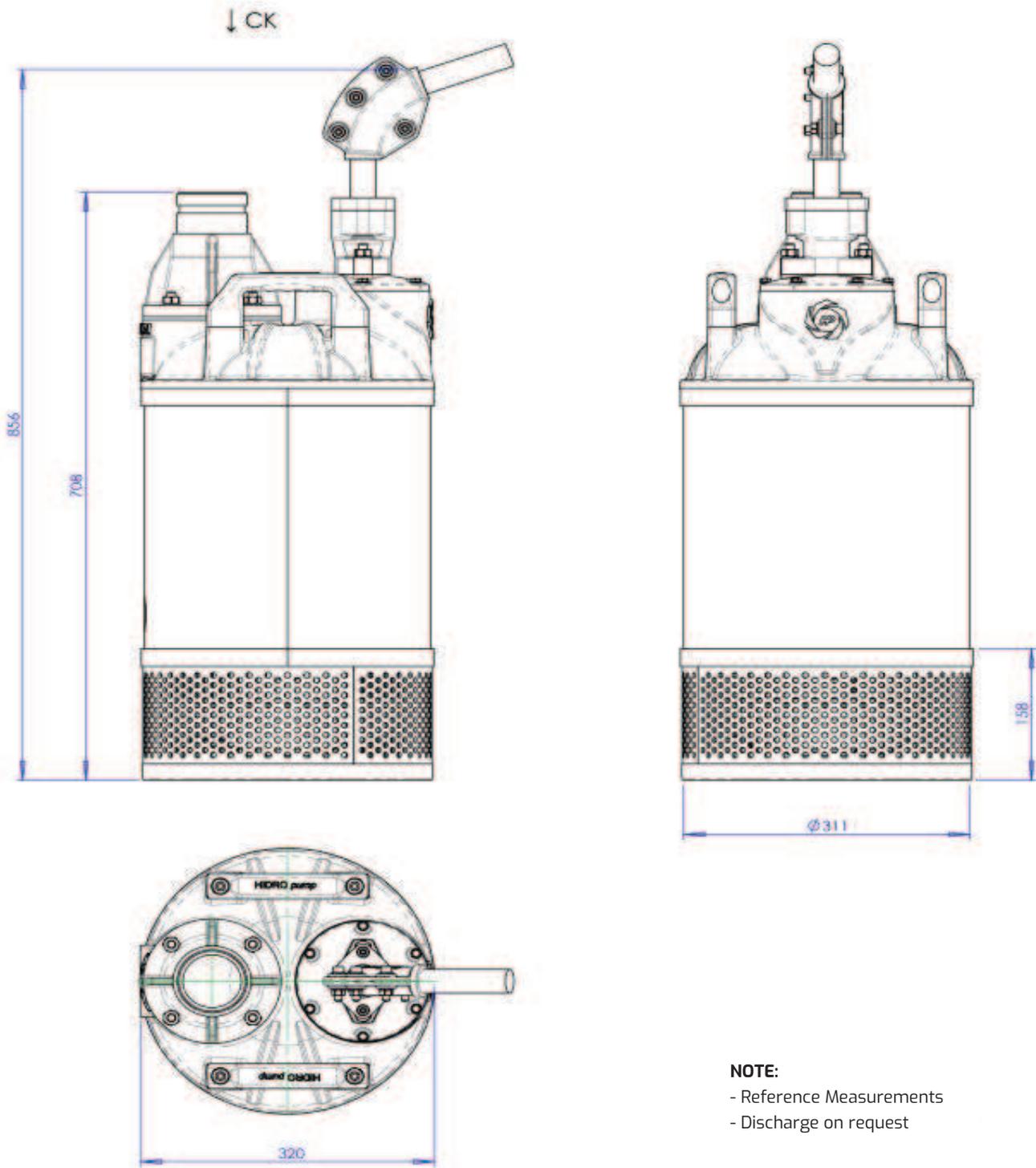
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H / N



NOTE:
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- Discharge on request

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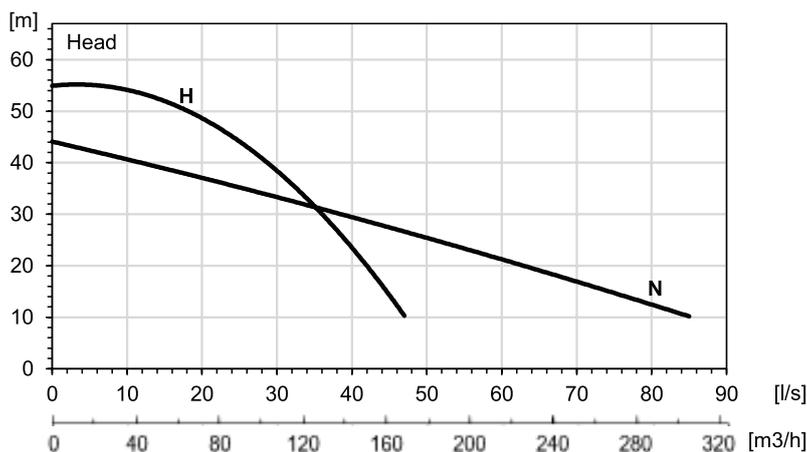
STAINLESS STEEL



*Reference image

Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H	N
Power, [kW / HP]	22 / 30	22 / 30
Voltage, V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	48.4 / 46 / 36.8	48.4 / 46 / 36.8
Weight, kg	249	249
Max. height, mm	1065	1065
Max. width, mm	425	425
Discharge, in.	4"	6"
Strainer opening Ø, mm	13	13



Models

N: Normal Pressure
H: High pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor.
Speed: 2950 RPM
Insulation class: H
Start: Direct
Max. number of starts per hour: 12

Motor protection

Thermal contacts in the winding.
Protection: IP 68

Cable

4Gx10mm² + 2x1.5mm², 20m^(*)

Mechanical seals

Double mechanical seal in oil and water chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Lower: Angular contact bearing C3
Upper: Deep groove ball bearing C3

Discharge connection

4" H - 6" N. (*)

Limitations

Maximum submersion: 20m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
Cylinder: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Diffusers: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

This pump must be connected to an external electrical cabinet with adequate protections.

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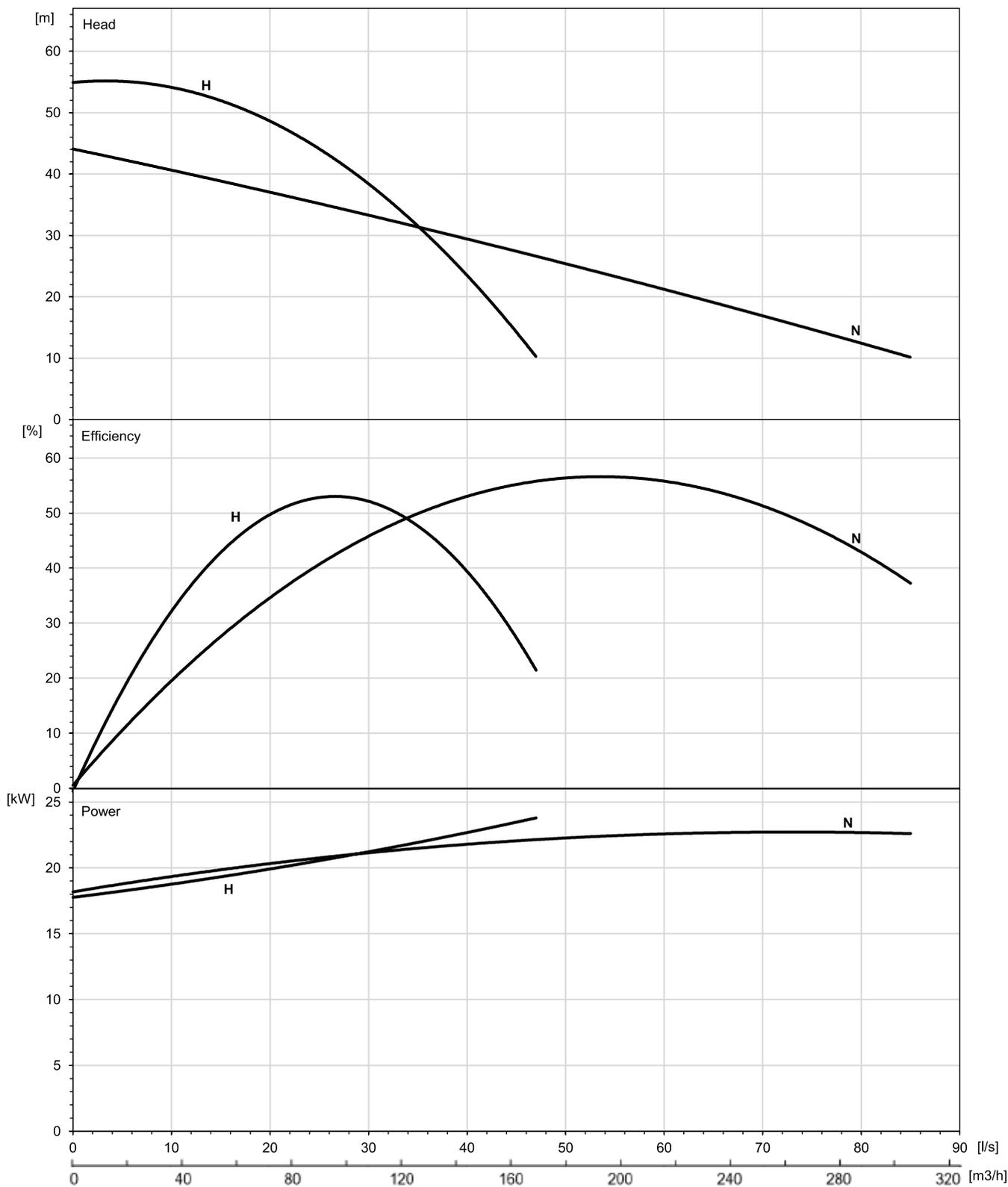
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Curve: ISO 9906

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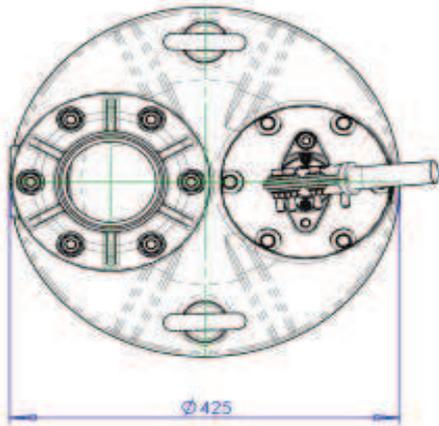
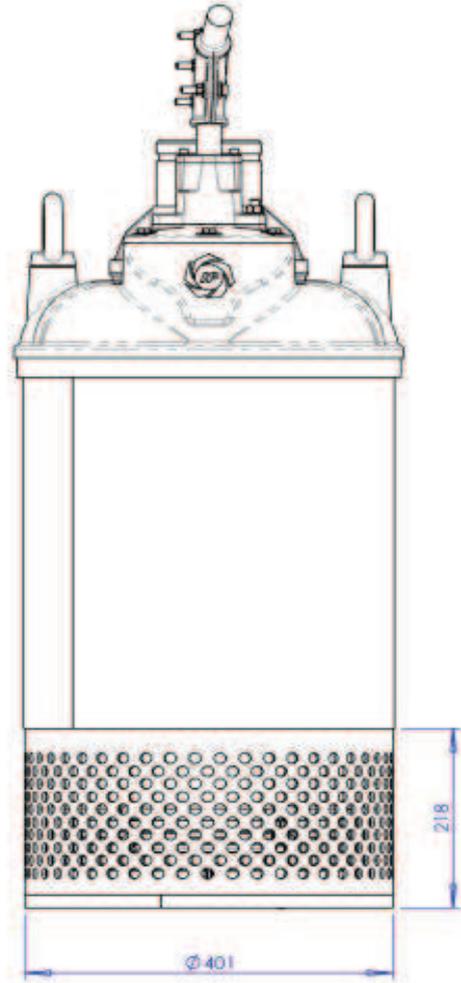
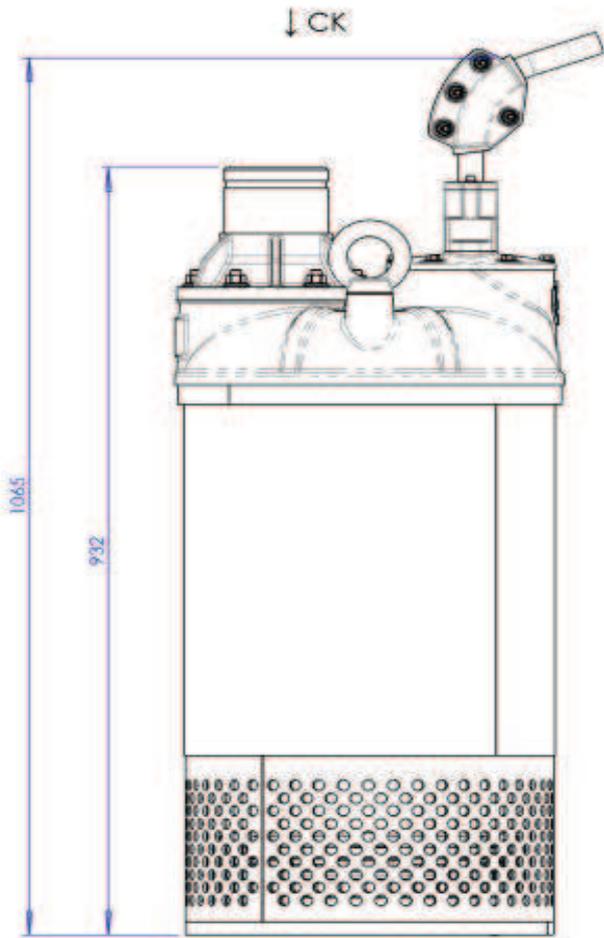
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NOTE:

- Reference Measurements
- Discharge on request

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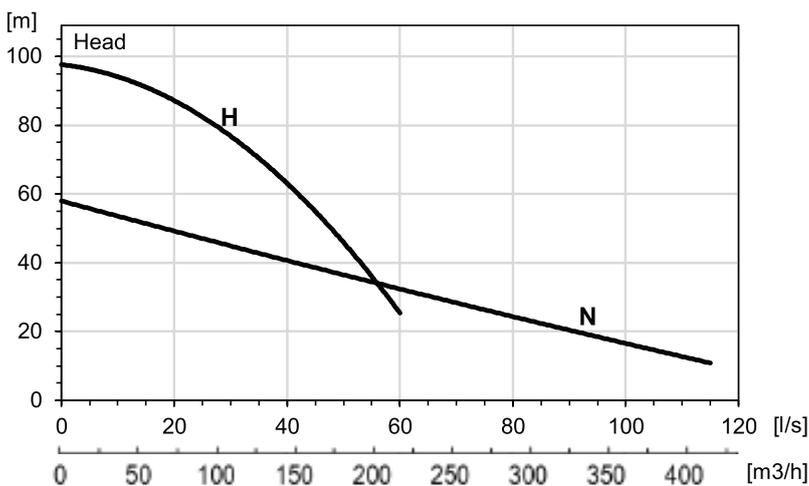
STAINLESS STEEL



*Reference image

Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H	N
Power, [kW / HP]	45 / 60	45 / 60
Voltage, V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	86.4 / 82 / 65.7	86.4 / 82 / 65.7
Weight, kg	382	382
Max. height, mm	1336	1336
Max. width, mm	517	517
Discharge, in.	4"	6"
Strainer opening Ø, mm	12	12



Models

N: Normal Pressure
H: High pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor.
Speed: 2950 RPM
Insulation class: H
Start: Direct / Star-Delta
Max. number of starts per hour: 12

Motor protection

Thermal contacts in the winding.
Protection: IP 68

Cable

Star-Delta: 2 Cables 4Gx10mm² + 2 x 1.5mm², 20m^(*)
Direct: 1 cable 4Gx25mm² + 2 x 1.5mm², 20m^(*)

Mechanical seals

Double mechanical seal in oil and water chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Lower: Double angular contact ball bearing C3
Upper: Deep groove ball bearing C3

Discharge connection

4" H - 6" N. (*)

Limitations

Maximum submersion: 20m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
Cylinder: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Diffusers: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

This pump must be connected to an external electrical cabinet with adequate protections.

*Specifications are subject to change without notice.

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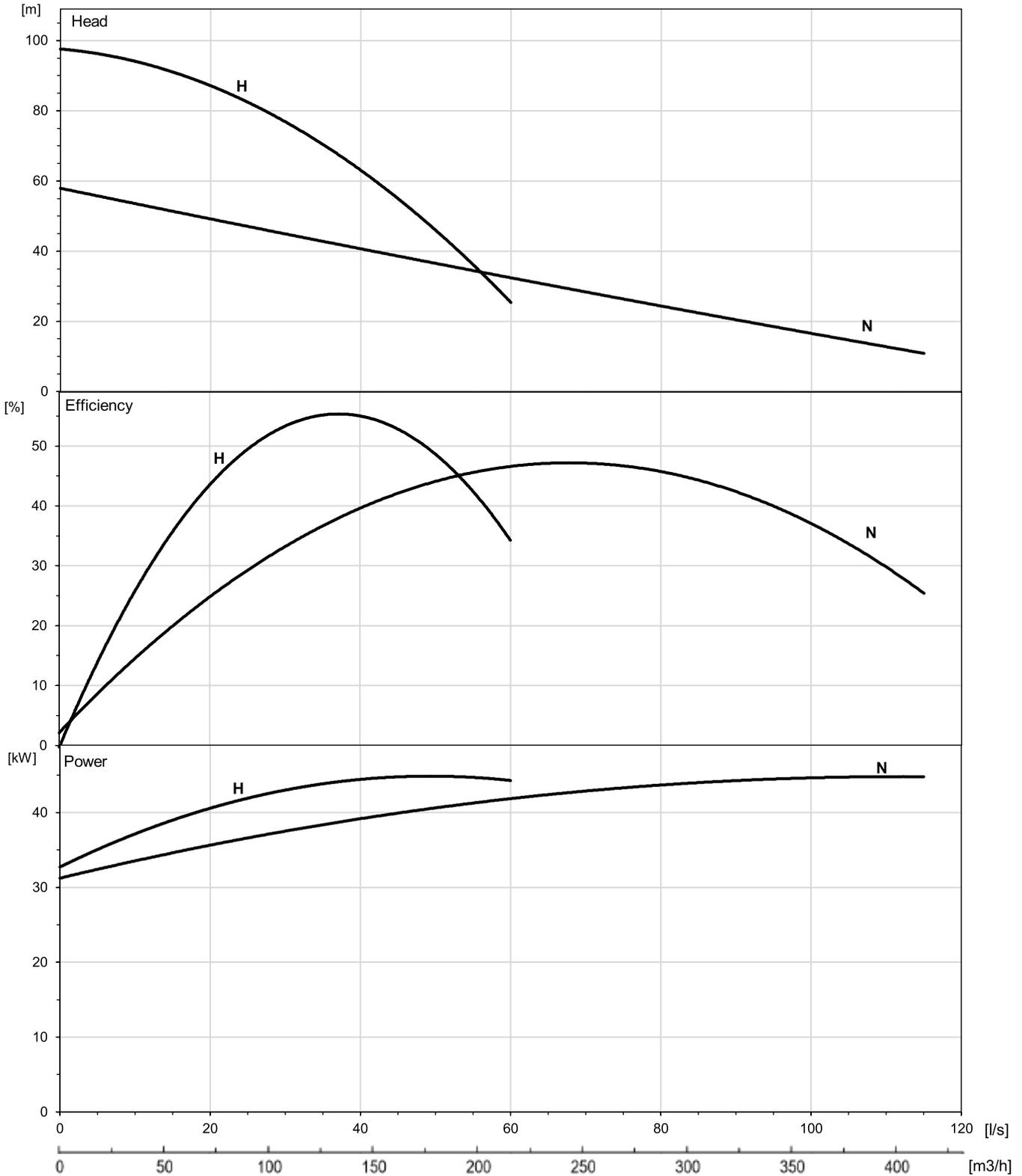
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Curve : ISO 9906

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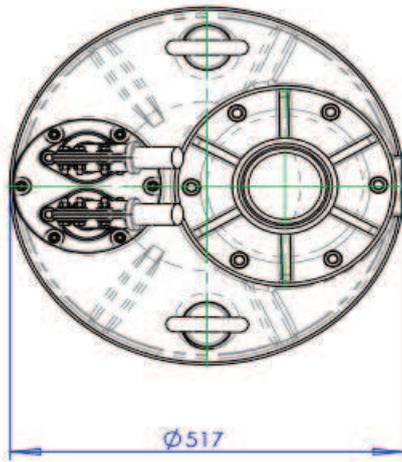
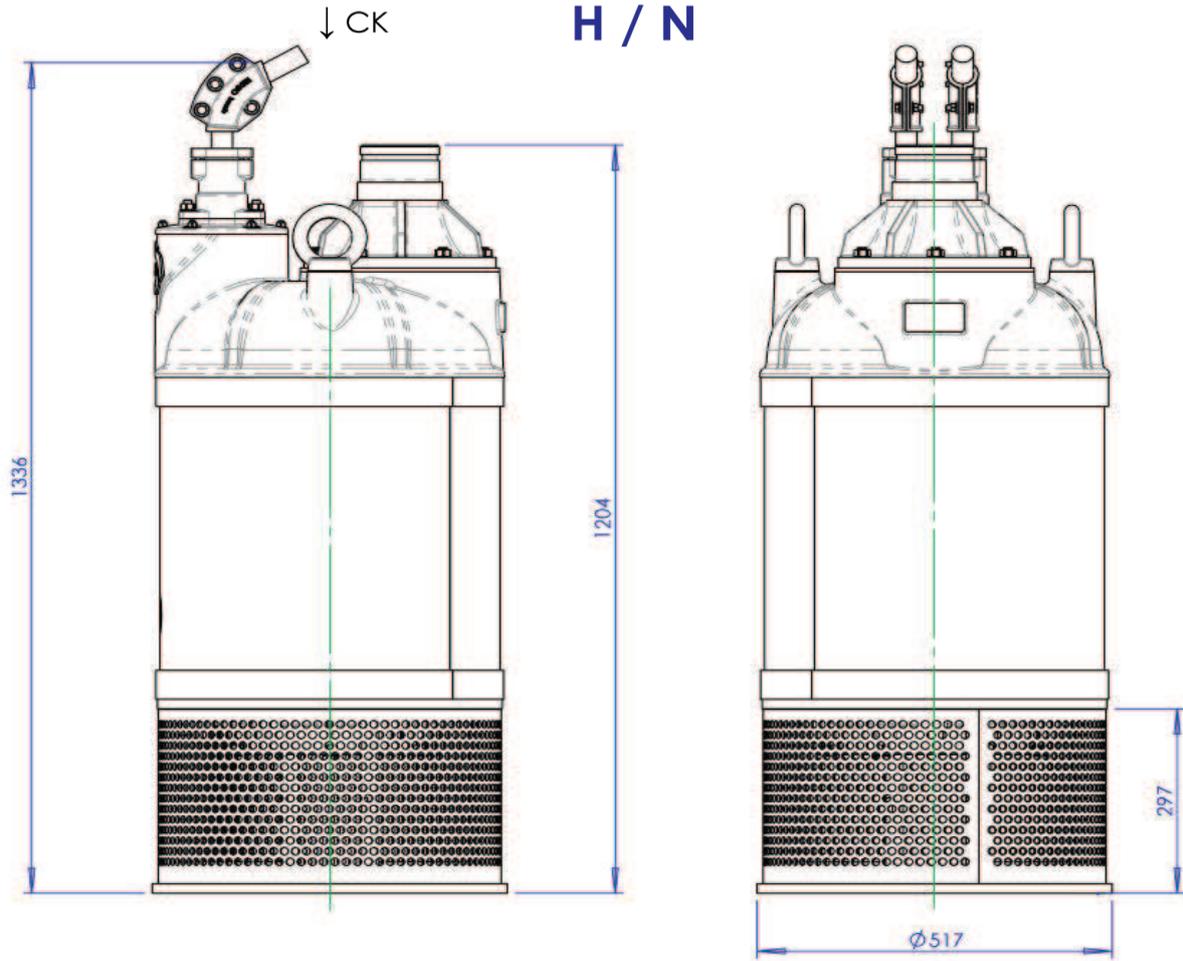
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NOTE:

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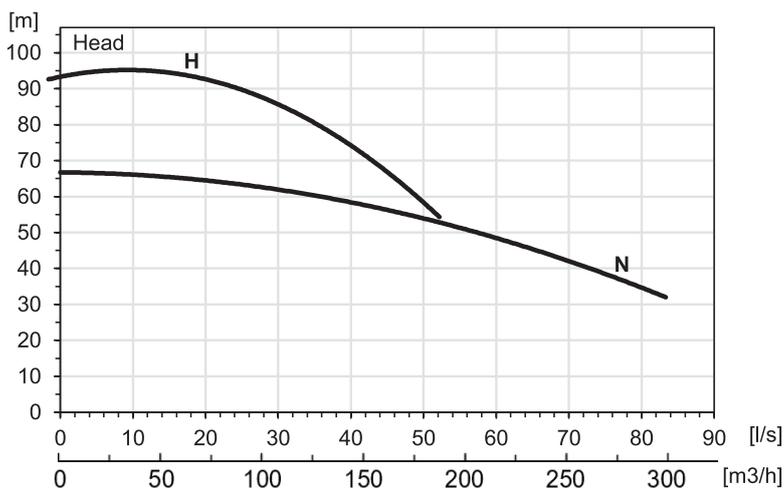
STAINLESS STEEL



*Reference image

Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H	N
Power, [kW / HP]	52 / 70	52 / 70
Voltage, V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	85.9 / 82 / 65.3	85.9 / 82 / 65.3
Weight, kg	710	710
Max. height, mm	1481	1481
Max. width, mm	627	627
Discharge, in.	6"	8"
Strainer opening Ø, mm	12	12



Models

N: Normal Pressure
H: High pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor.
Speed: 2950 RPM
Insulation class: H
Start: Star-Delta
Max. number of starts per hour: 12

Motor protection

Thermal contacts in the winding.
Protection: IP 68

Cable

2 Cables 4Gx16mm² + 2 x 1.5mm², 20m^(*)

Mechanical seals

Double mechanical seal in oil and water chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Lower: Angular contact bearing
Upper: Cylindrical roller bearing

Discharge connection

6" H - 8" N. (*)

Limitations

Maximum submersion: 20m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
Cylinder: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Diffusers: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

This pump must be connected to an external electrical cabinet with adequate protections.

*Specifications are subject to change without notice.

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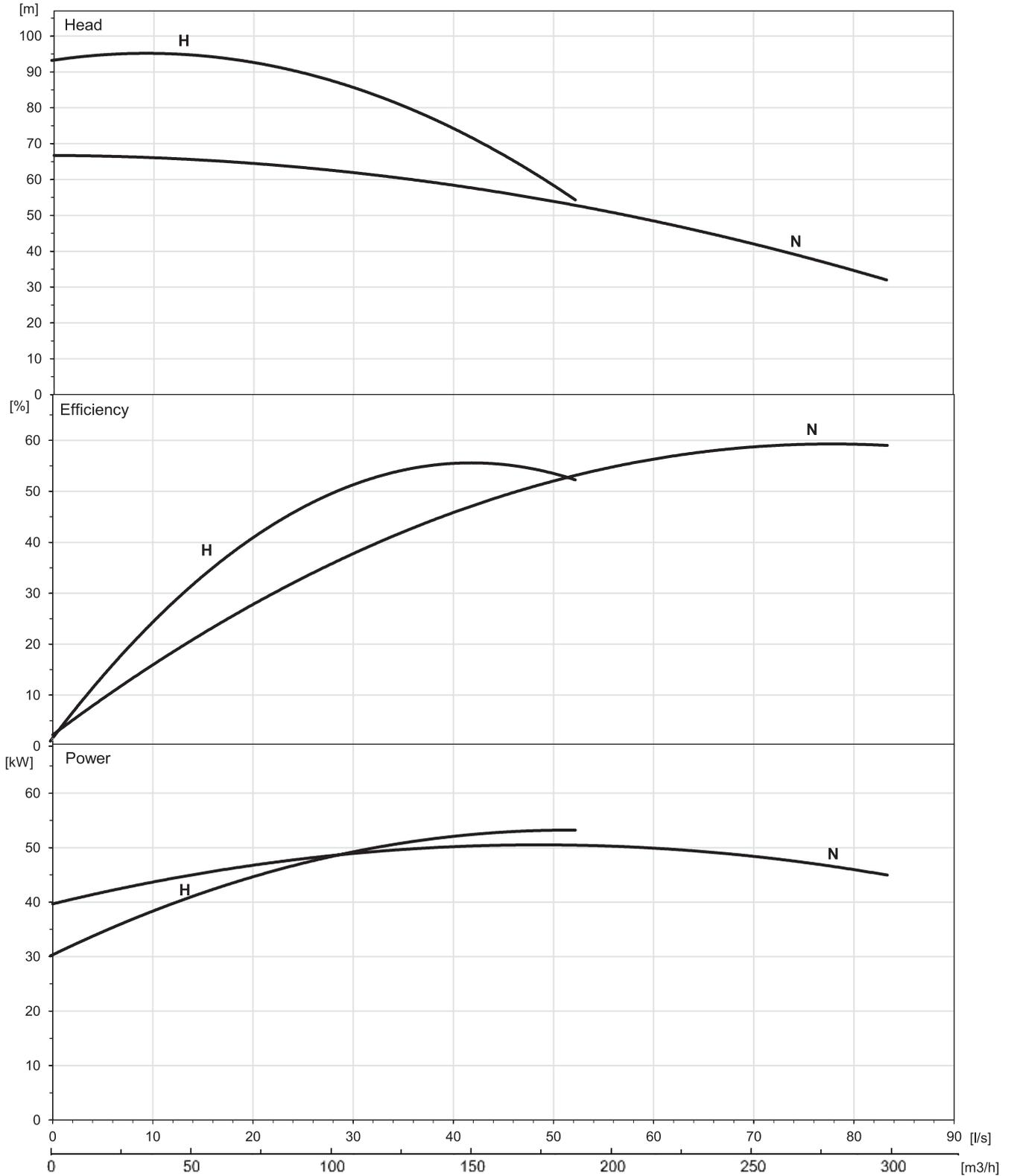
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Curve: ISO 9906

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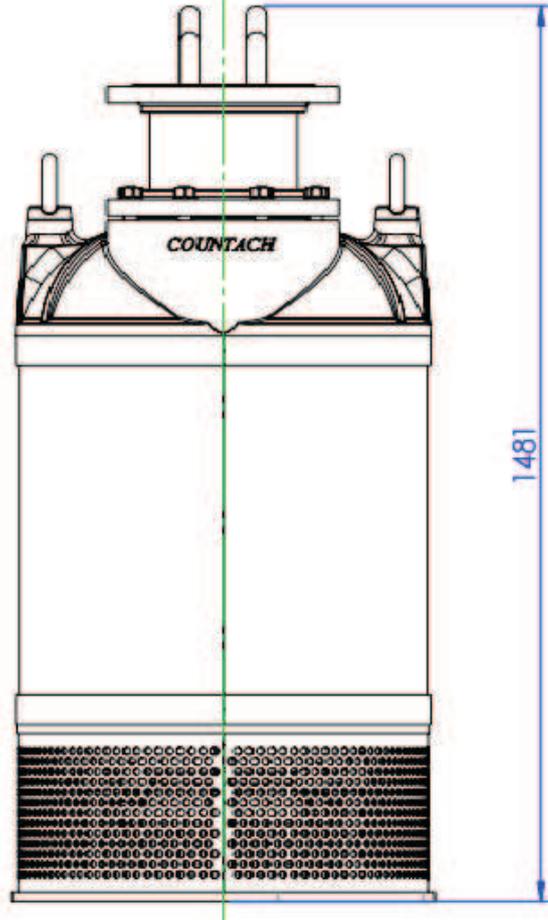
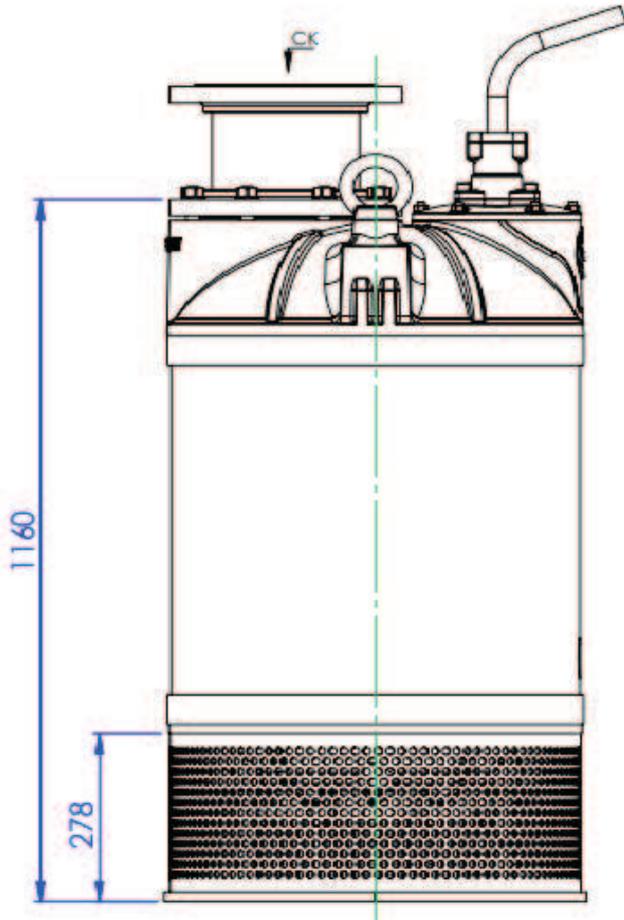
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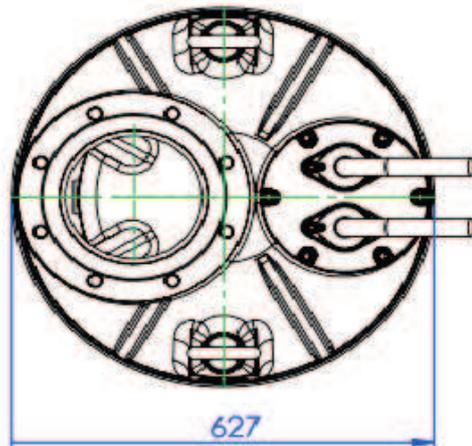
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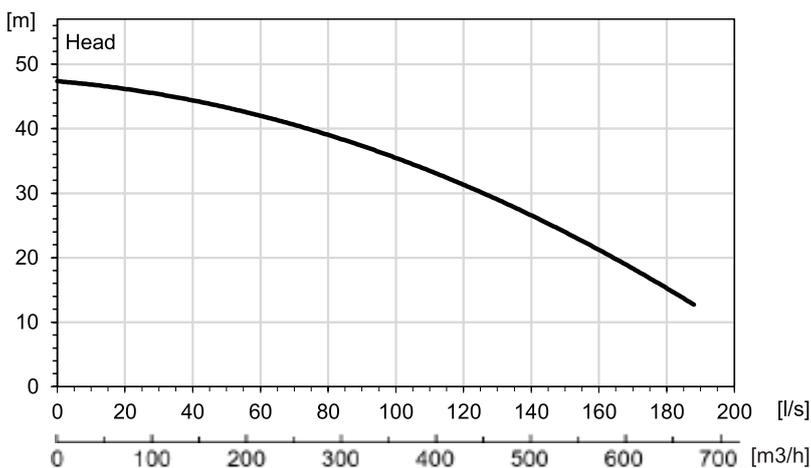
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STAINLESS STEEL



Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	N
Power, [kW / HP]	60 / 80
Voltage, V	380 / 400 / 500
Nominal current, A	137 / 130 / 104
Weight, kg	1330
Max. height, mm	1875
Max. width, mm	1053
Discharge, in.	10"
Strainer opening Ø, mm	25



Models

N: Normal Pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor, 4 poles.

Speed: 1450 RPM

Insulation class: H

Start: Star-Delta / Soft-starter (*)

Max. number of starts per hour: 12

Motor protection

Thermal contacts in the winding.

Protection: IP 68

Cable

2 Cables 4Gx25mm² + 2G x 1.5mm², 20m(*)

Mechanical seals

Double mechanical seal in oil and water chamber.

Rotary seal material: Silicon carbide

Stationary seal material: Silicon carbide

Elastomers: Viton

Bearings

Lower: Double row ball bearing C3

Superior: Ball bearing C3

Discharge connection

10" ANSI 150 lbs.

Limitations

Maximum submersion: 20m

Maximum liquid temperature: 40°C

Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel

Cylinder: Stainless steel

Strainer: Stainless steel

Impeller: Stainless steel

Casing: Stainless steel

Volute: Stainless steel

Shaft: AISI 431 Stainless steel

Screws/Nuts: Stainless steel

This pump must be connected to an external electrical cabinet with adequate protections.

*Specifications are subject to change without notice.

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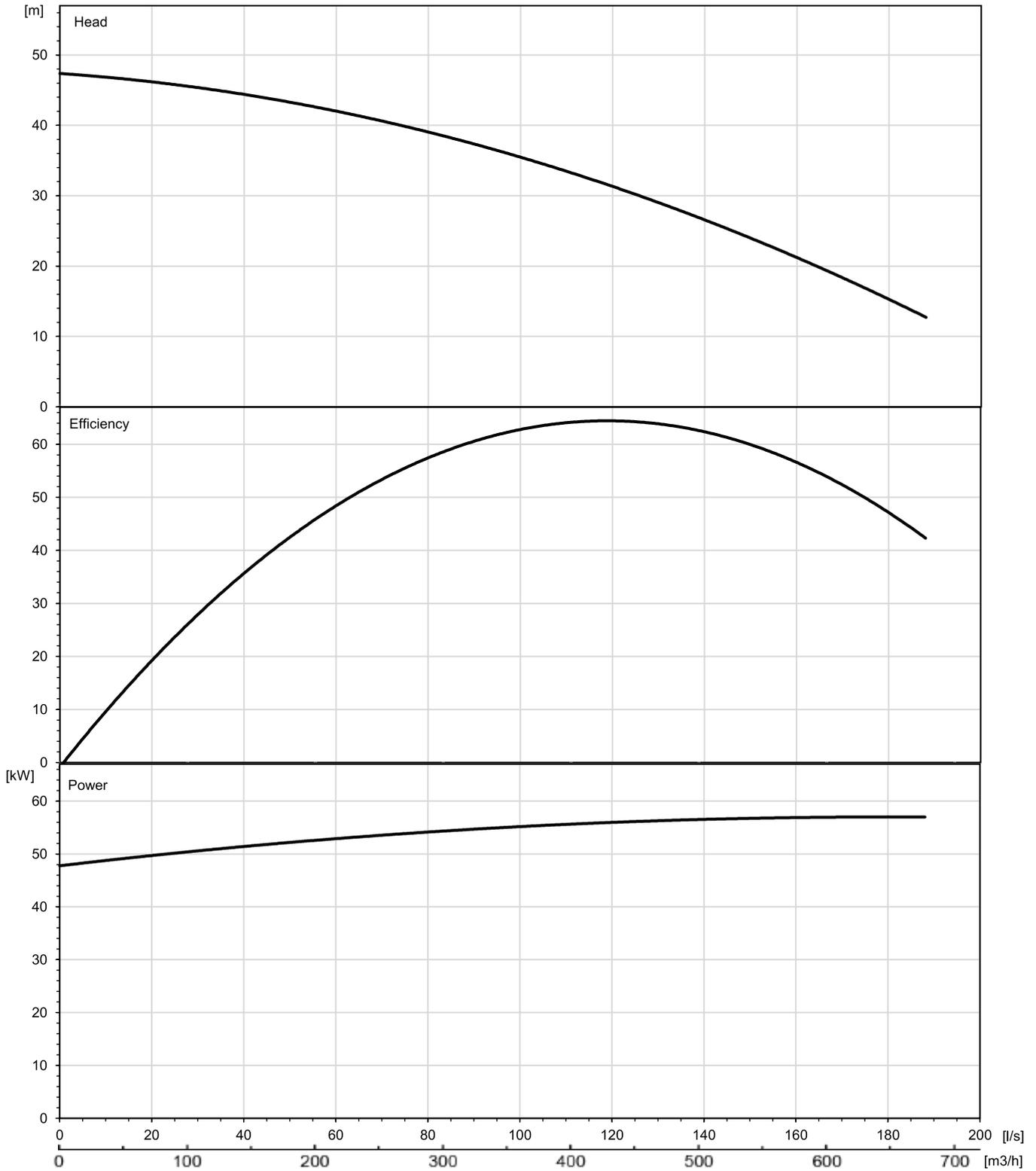
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Curve: ISO 9906

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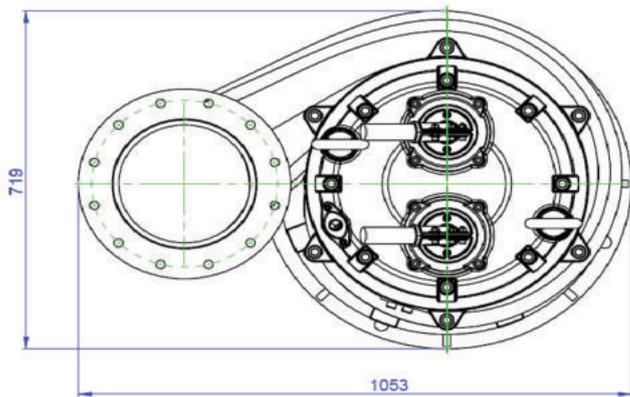
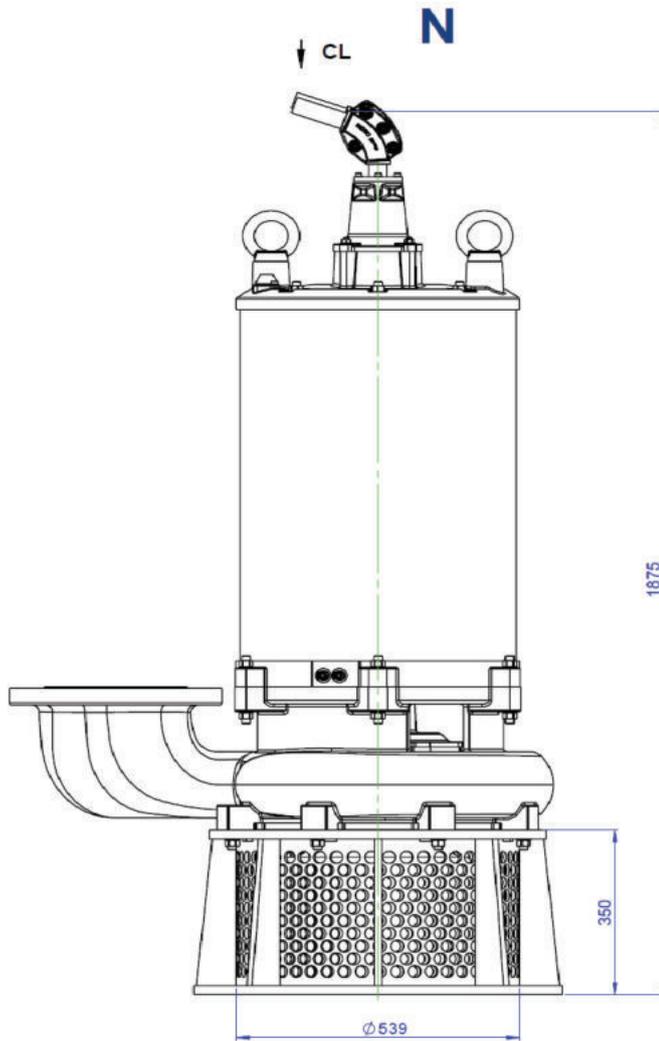
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NOTE:

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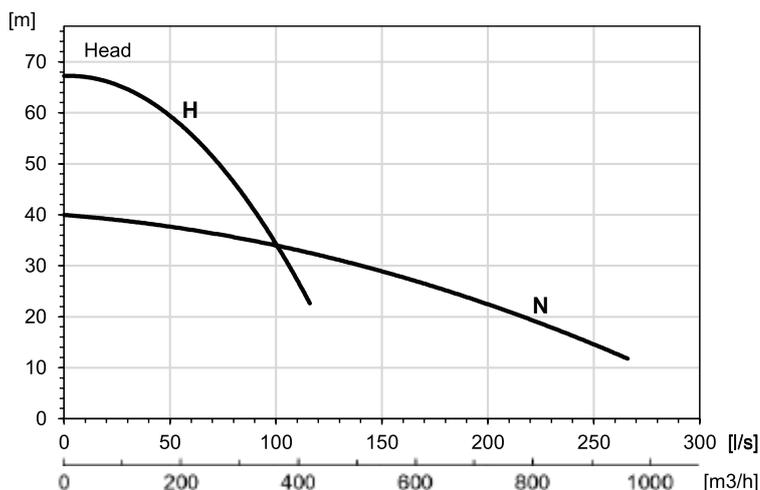


STAINLESS STEEL



Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H	N
Power, [kW / HP]	71 / 95	71 / 95
Voltage, V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	165 / 157 / 125.4	165 / 157 / 125.4
Weight, kg	1180	1180
Max. height, mm	1238	1238
Max. width, mm	923	923
Discharge, in.	8"	10"
Strainer opening Ø, mm	25	25



Models

N: Normal Pressure
H: High pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor, 4 poles.
Speed: 1450 RPM
Insulation class: H
Start: Star-Delta, Soft-starter, VFD (*)
Max. number of starts per hour: 12

Motor protection

Thermal contacts in the winding.
Protection: IP 68

Cable

2 Cables 4Gx25mm² + 2 x 1.5mm², 20m(*)

Mechanical seals

Double mechanical seal in oil and water chamber.
Rotary seal material: Silicon carbide
Stationary sea material: Silicon carbide
Elastomers: Viton

Bearings

Lower: Double row ball bearing C3
Superior: Ball bearing C3

Discharge connection

8" H, 10" N. (*)

Limitations

Maximum submersion: 20m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Housing: Stainless steel
Diffusers: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

This pump must be connected to an external electrical cabinet with adequate protections.

*Specifications are subject to change without notice.

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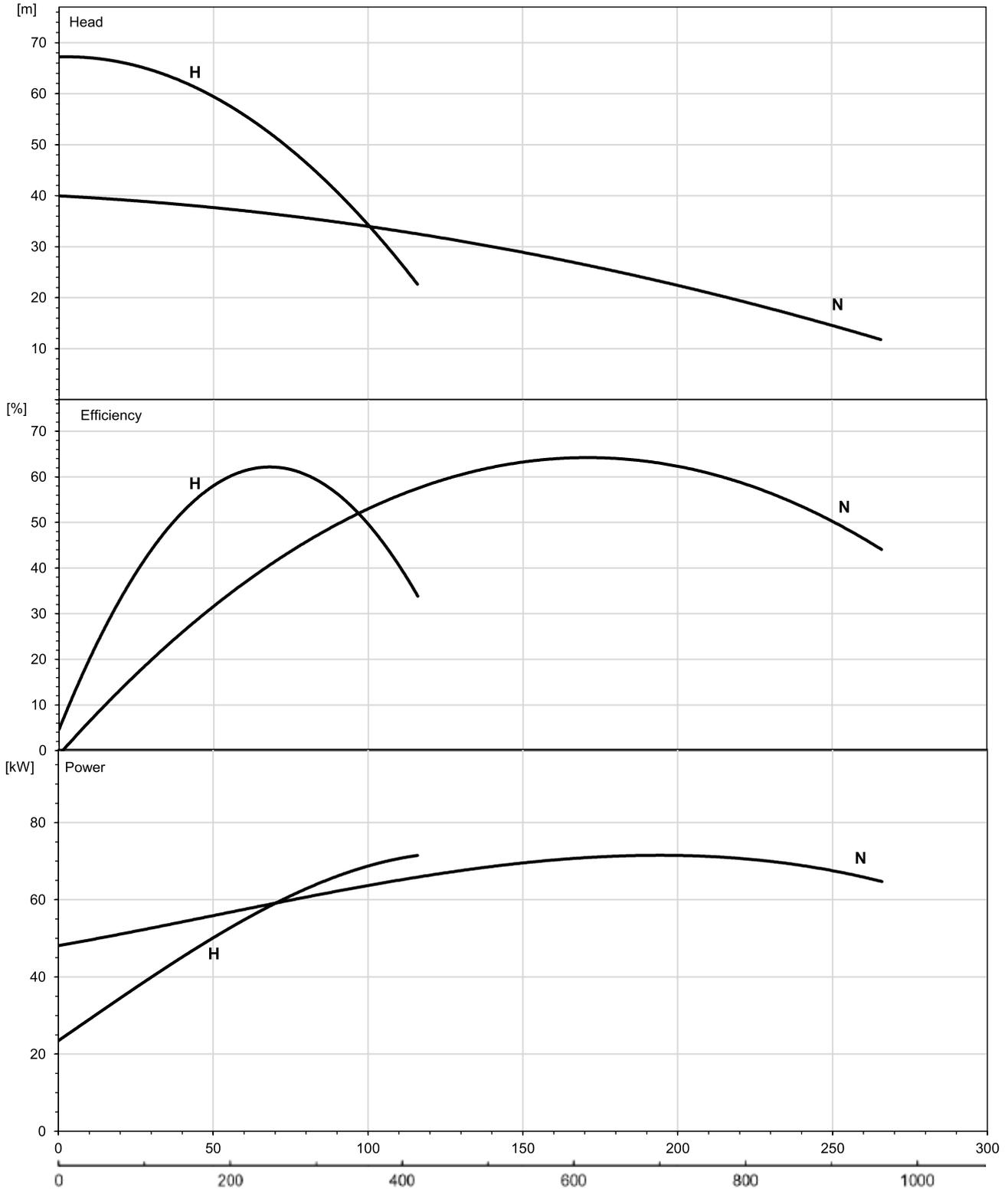
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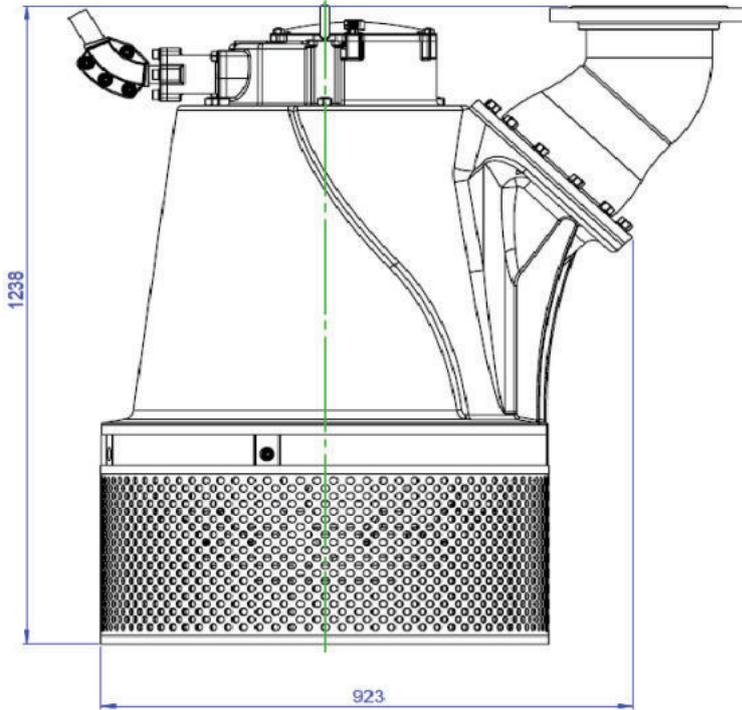
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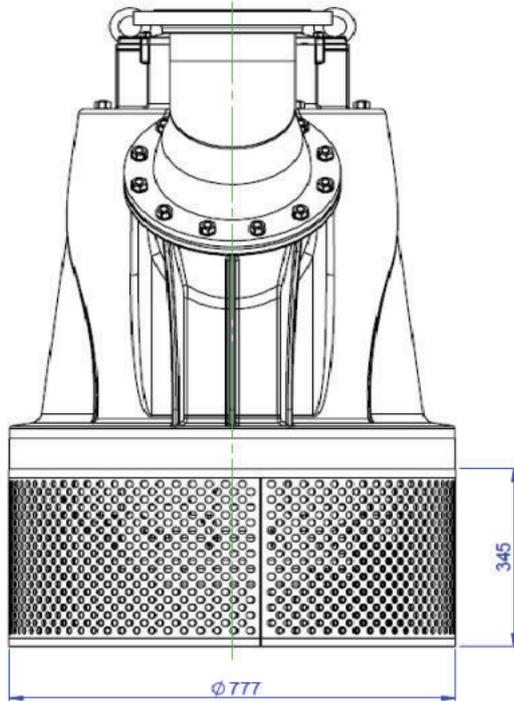
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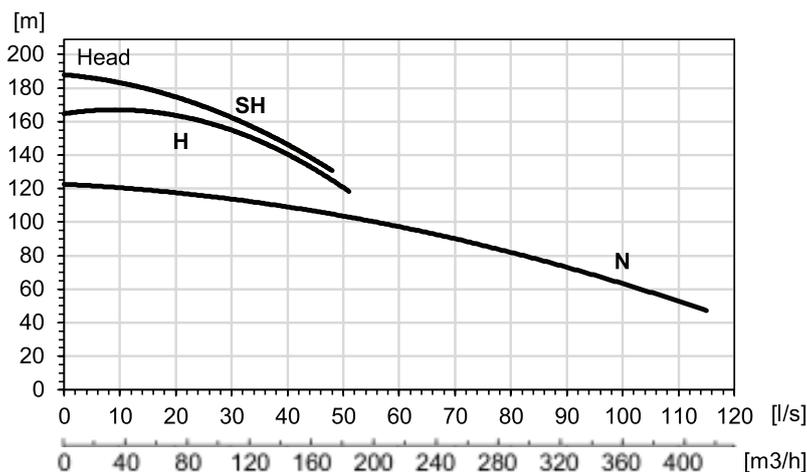
STAINLESS STEEL



*Reference image

Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	SH	H	N
Power, [kW / HP]	110 / 150	110 / 150	110 / 150
Voltage, V	380 / 400 / 500	380 / 400 / 500	380 / 400 / 500
Nominal current, A	203 / 193 / 154	203 / 193 / 154	203 / 193 / 154
Weight, kg	1300	1300	1300
Max. height, mm	1681	1681	1681
Max. width, mm	619	619	619
Discharge, in.	6"	6"	8"
Strainer opening Ø, mm	12	12	12



Models

N: Normal Pressure
H: High pressure
SH: Super High Pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor, 2 poles.
Speed: 2950 RPM
Insulation class: H
Start: Star-Delta, Soft-starter
Max. number of starts per hour: 12

Motor protection

Thermal contacts in the winding.
Protection: IP 68

Cable

2 Cables 4Gx35mm² + 2 x 1.5mm², 20m^(*)

Mechanical seals

Double mechanical seal in oil and water chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Lower: Angular contact bearing
Upper: Cylindrical roller bearing

Discharge connection

6" SH, 6" H, 8" N. (*)

Limitations

Maximum submersion: 50m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
Cylinder: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Diffusers: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

This pump must be connected to an external electrical cabinet with adequate protections.

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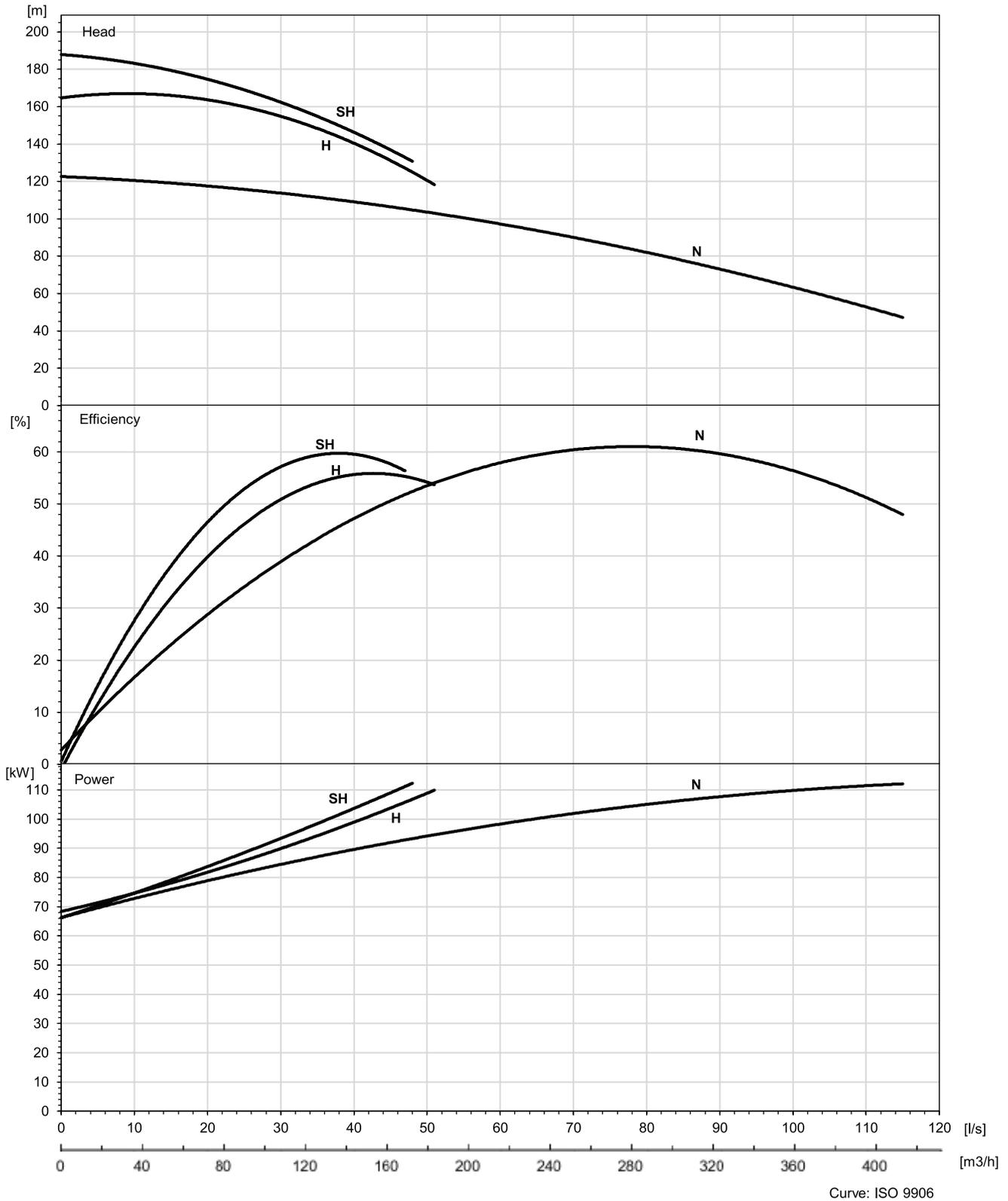
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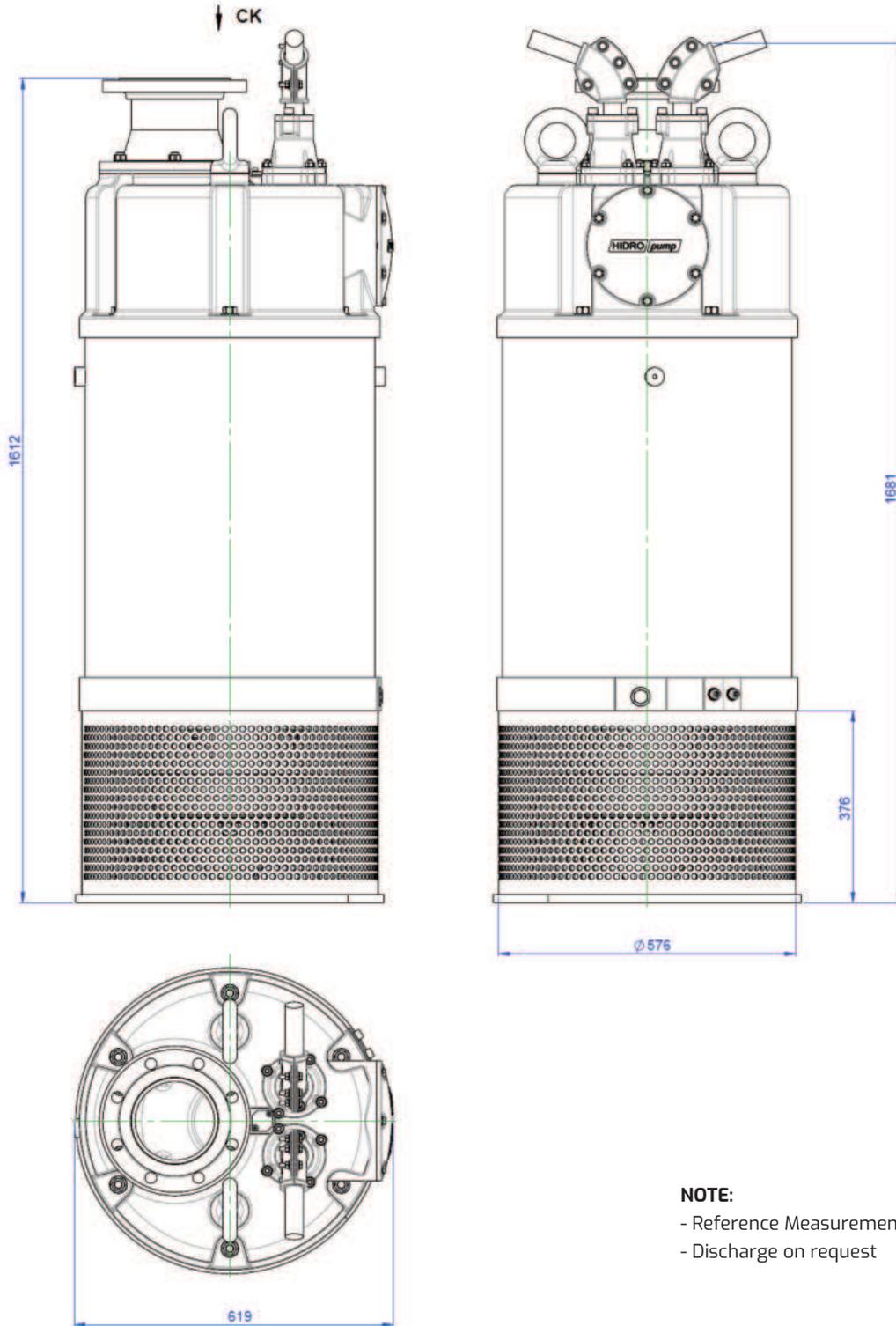
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H / N



VIEW CK

NOTE:
 - Reference Measurements
 - Discharge on request

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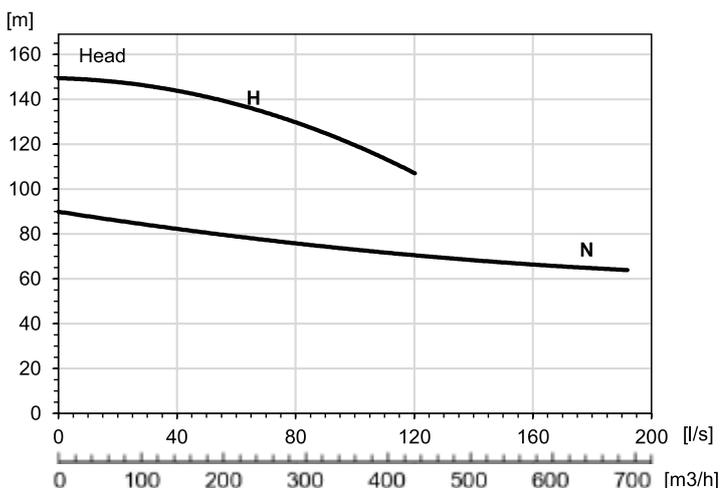
STAINLESS STEEL



*Reference image

Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H	N
Power, [kW / HP]	185 / 250	185 / 250
Voltage, V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	352 / 334.4 / 267.5	352 / 334.4 / 267.5
Weight, kg	2590	2676
Max. height, mm	2232	2201
Max. width, mm	1111	1020
Discharge, in.	10"	10"
Strainer opening Ø, mm	16	16



Models

N: Normal Pressure
H: High pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor, 4 poles.
Speed: 1450 RPM
Insulation class: H
Start: Soft Starter, VFD (*)
Max. number of starts per hour: 12

Motor protection

Thermal contacts in the winding.
Protection: IP 68

Cable

2 Cables 4Gx70mm² + 2 x 1.5mm², 20m(*)

Mechanical seals

Double mechanical seal in oil and water chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Lower: Angular contact bearings
Upper: Cylindrical roller bearing

Discharge connection

H - 10" ANSI 300 lb / N - 10" ANSI 150 lb

Limitations

Maximum submersion: 50m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
Cylinder: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Diffusers: Stainless steel + PU
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

This pump must be connected to an external electrical cabinet with adequate protections.

*Specifications are subject to change without notice.

Contact Your Local Dowdens Account Manager

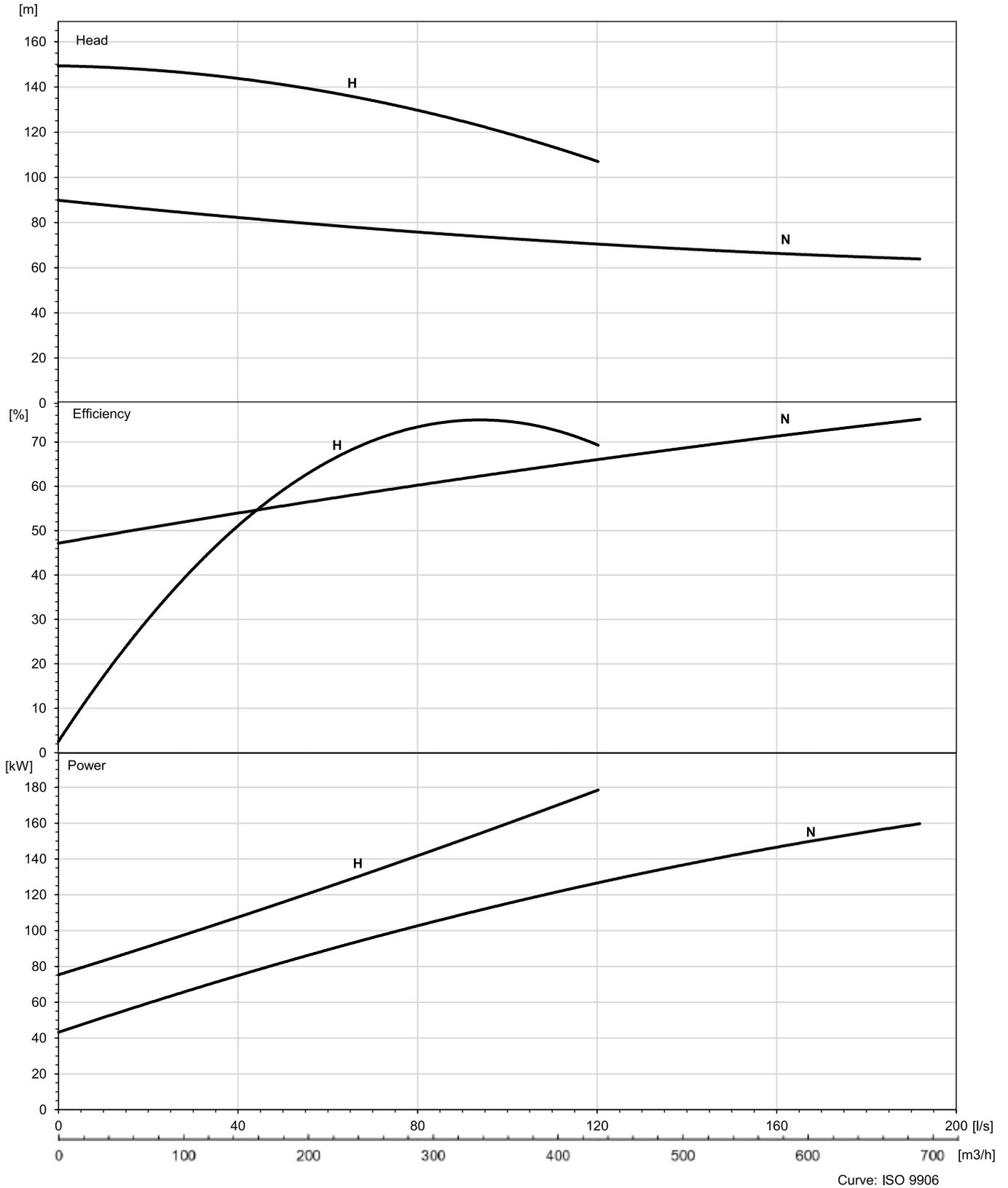
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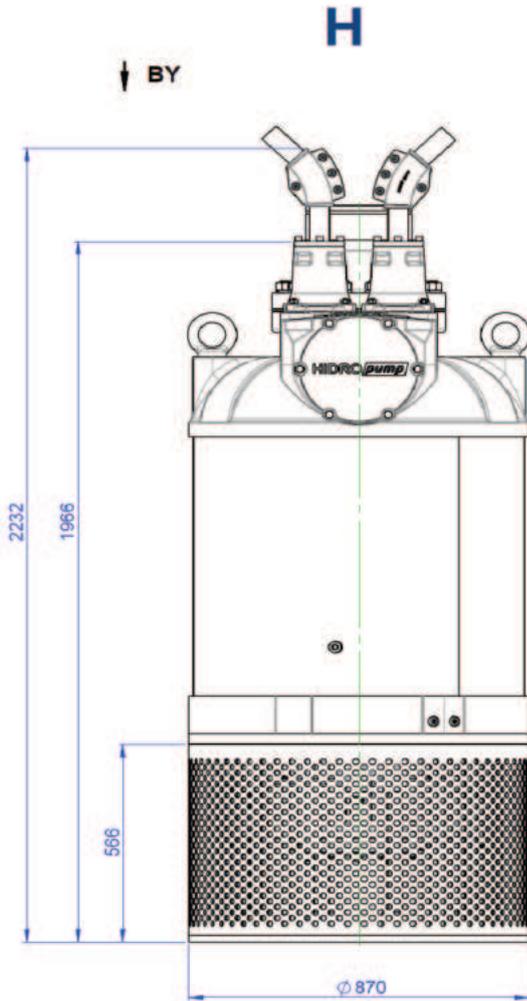
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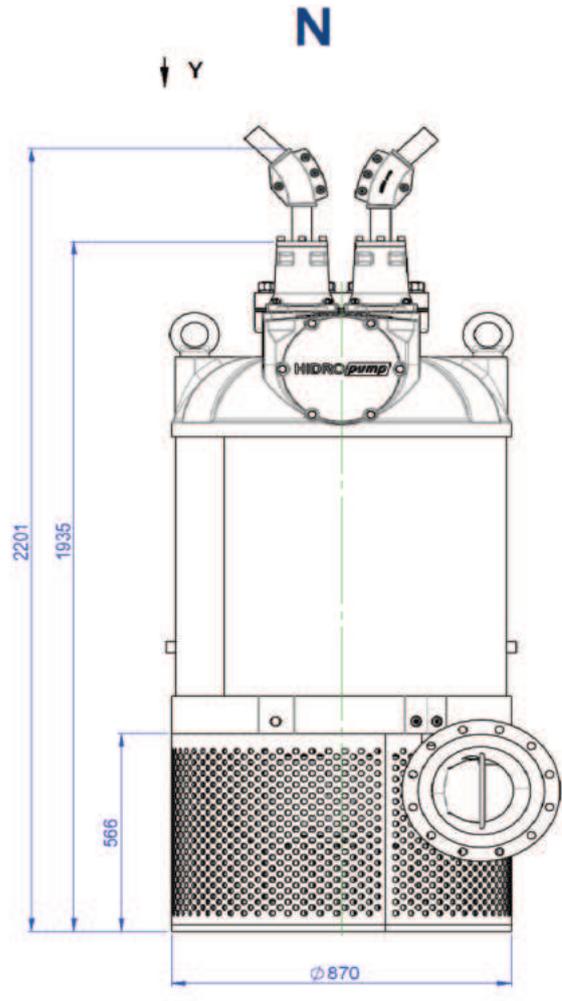
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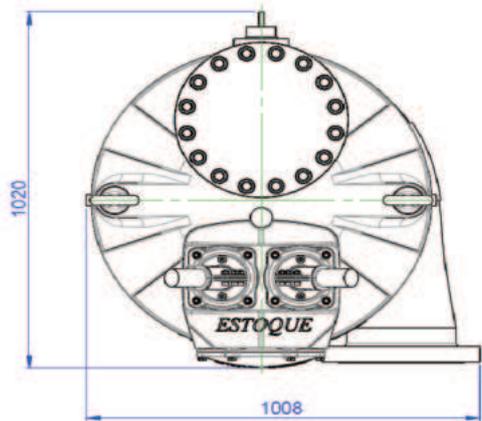
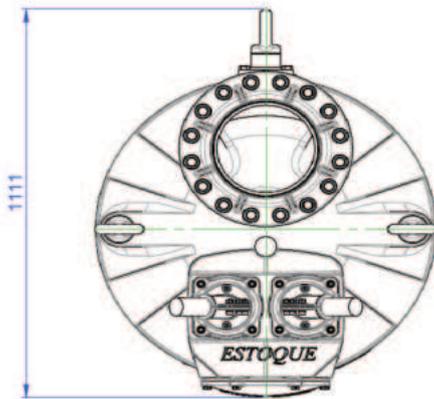




VIEW CE



VIEW CE



NOTE:
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 - Discharge on request

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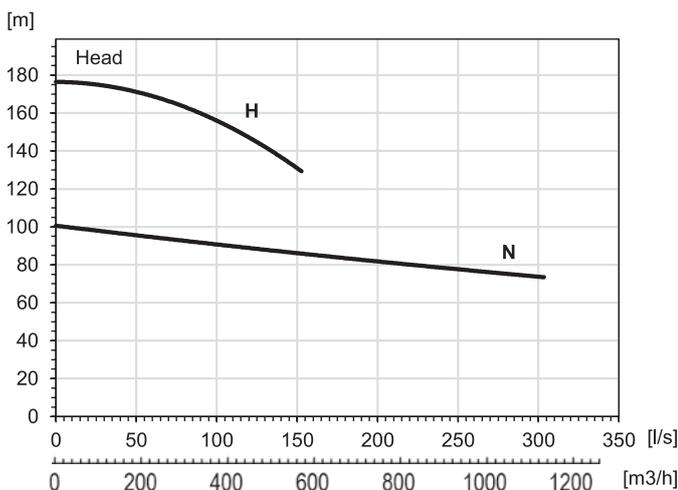
STAINLESS STEEL



*Reference image

Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H	N
Power, [kW / HP]	335 / 450	335 / 450
Voltage, V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	639 / 607 / 486	639 / 607 / 486
Weight, kg	3500	3250
Max. height, mm	2450	2350
Max. width, mm	1180	1180
Discharge, in.	10"	14"
Strainer opening Ø, mm	16	16



Models

N: Normal Pressure
H: High pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor, 4 poles.
Speed: 1450 RPM
Insulation class: H
Start: Soft Starter, VFD (*)
Max. number of starts per hour: 12

Motor protection

Thermo-contacts in the winding.
Protection: IP 68

Cable

2 Cables Nexans RZ1K Series 3, 4X350kcmil, 3AWG, 20m (*)

Mechanical seals

Double mechanical seal in oil and water chamber.
Rotary seal material: Silicon carbide
Stationary seal material: Silicon carbide
Elastomers: Viton

Bearings

Lower: Angular contact bearings
Upper: Cylindrical roller bearing

Discharge connection

*H - 10" ANSI 300 lb / N - 14" ANSI 300 lb
*H - DN250 PN40 / N - DN350 PN40

Limitations

Maximum submersion: 50m
Maximum liquid temperature: 40°C
Liquid pH range: 2 - 11

Available materials

Cover: Stainless steel
Cylinder: Stainless steel
Strainer: Stainless steel
Impeller: Stainless steel
Diffusers: Stainless steel + PU
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