

HIDRO PUMP CATALOGUE

**DEWATERING
PUMPS
415 VOLTS**

50 Hz

STANDARD

DEWATERING STANDARD 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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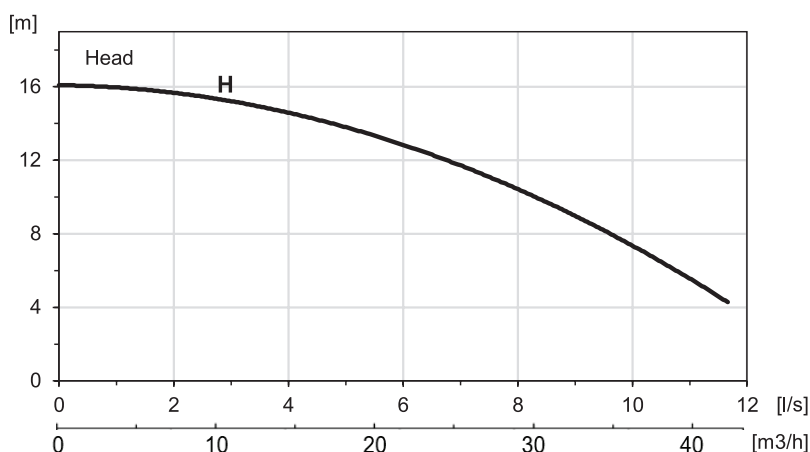
STANDARD



*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	19
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^(*)

Mechanical seals

Mechanical seal in oil chamber.
Rotary seal material: Silicon carbide
Stationary seal: 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: 5 - 8

Available materials

Cover: Aluminium
External cover: Aluminium
Strainer: Carbon steel
Impeller: Highchrome steel / Stainless steel
Volute: Aluminium + 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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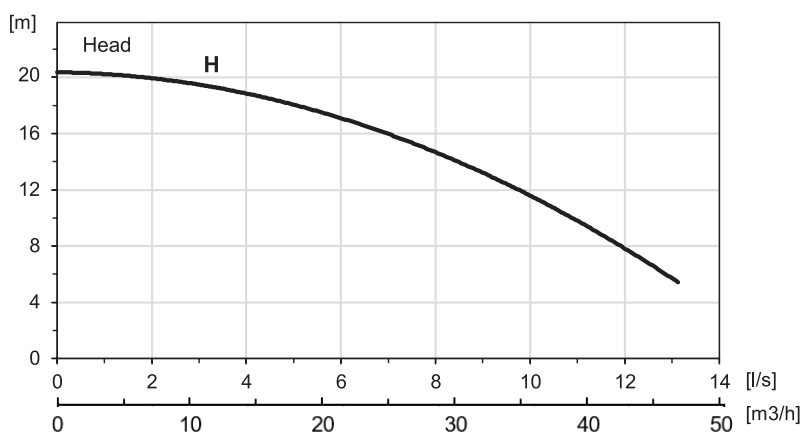
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Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

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	22
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^(*)

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: 5 - 8

Available materials

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

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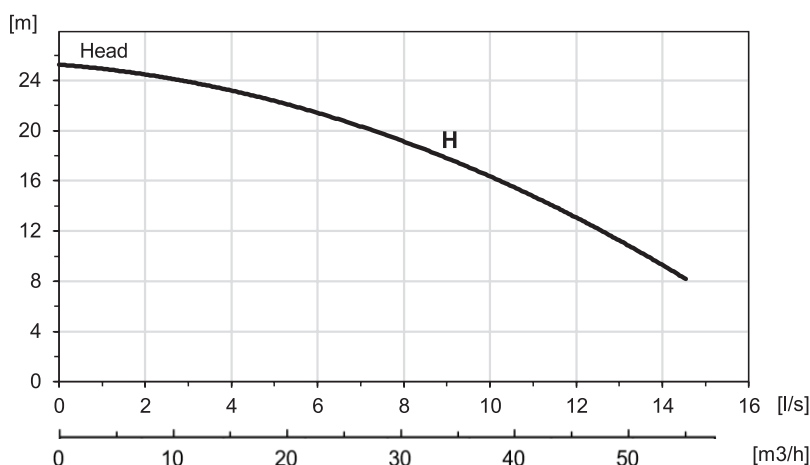
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Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H
Power, [kW / HP]	3.7 / 5
Voltage, V	380 / 400 / 500
Nominal current, A	7.7 / 7.3 / 5.8
Weight, kg	32
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^(*)

Mechanical seals

Mechanical seal in oil chamber.

Rotary seal material: Silicon carbide.

Stationary seal material: Silicon carbide.

Elastomers: Vitron

Bearings

Deep groove ball bearing C3.

Discharge connection

3" H

Limitations

Maximum submersion: 20m

Maximum liquid temperature: 40°C

Liquid pH range: 5 - 8

Available materials

Cover: Aluminium

External cover: Aluminium

Strainer: Carbon steel

Impeller: Highchrome steel / Stainless steel

Volute: Aluminium + PU

Shaft: AISI 431 Stainless steel

Screws/Nuts: Stainless steel

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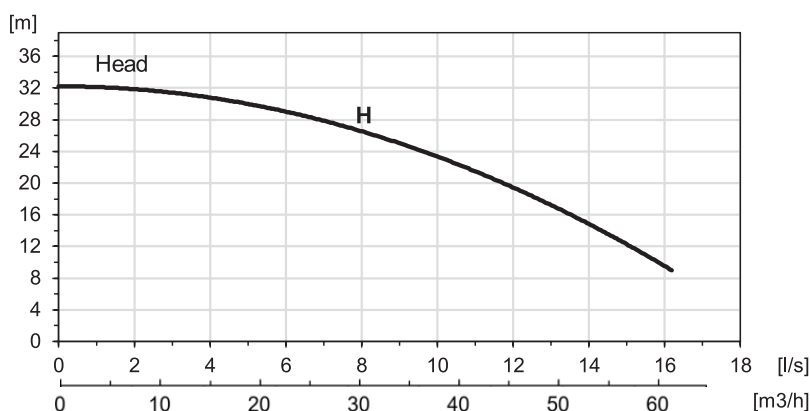
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Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H
Power, [kW / HP]	5.5 / 7.5
Voltage, V	380 / 400 / 500
Nominal current, A	11.2 / 10.6 / 8.5
Weight, kg	42
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: 5 - 8

Available materials

Cover: Aluminium

External cover: Aluminium

Strainer: Carbon steel

Impeller: Highchrome steel / Stainless steel

Volute: Aluminium + PU

Shaft: AISI 431 Stainless steel

Screws/Nuts: Stainless steel

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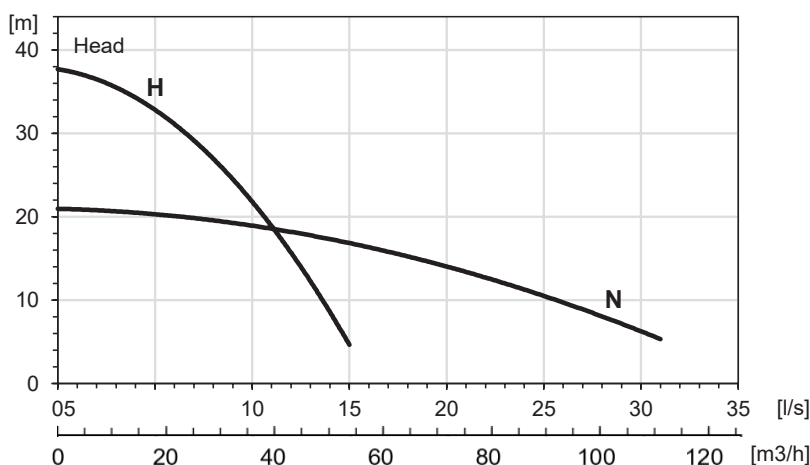
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*Reference image

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	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	60	60
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 + x1.5mm², 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: 5 - 8

Available materials

Cover: Aluminium
Cylinder: Carbon steel
Strainer: Carbon steel
Impeller: Highchrome steel / Stainless steel
Volute: Aluminium + 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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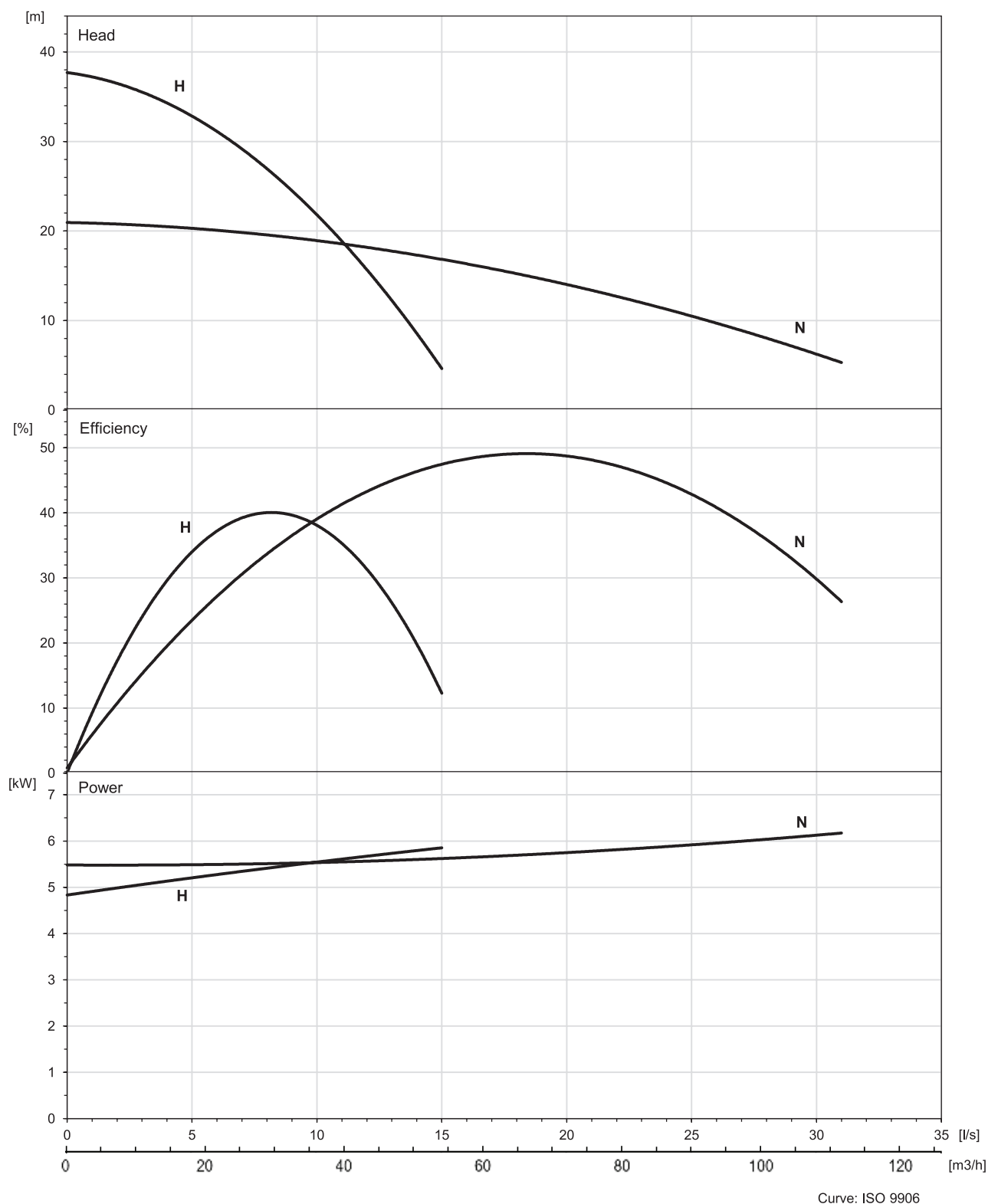
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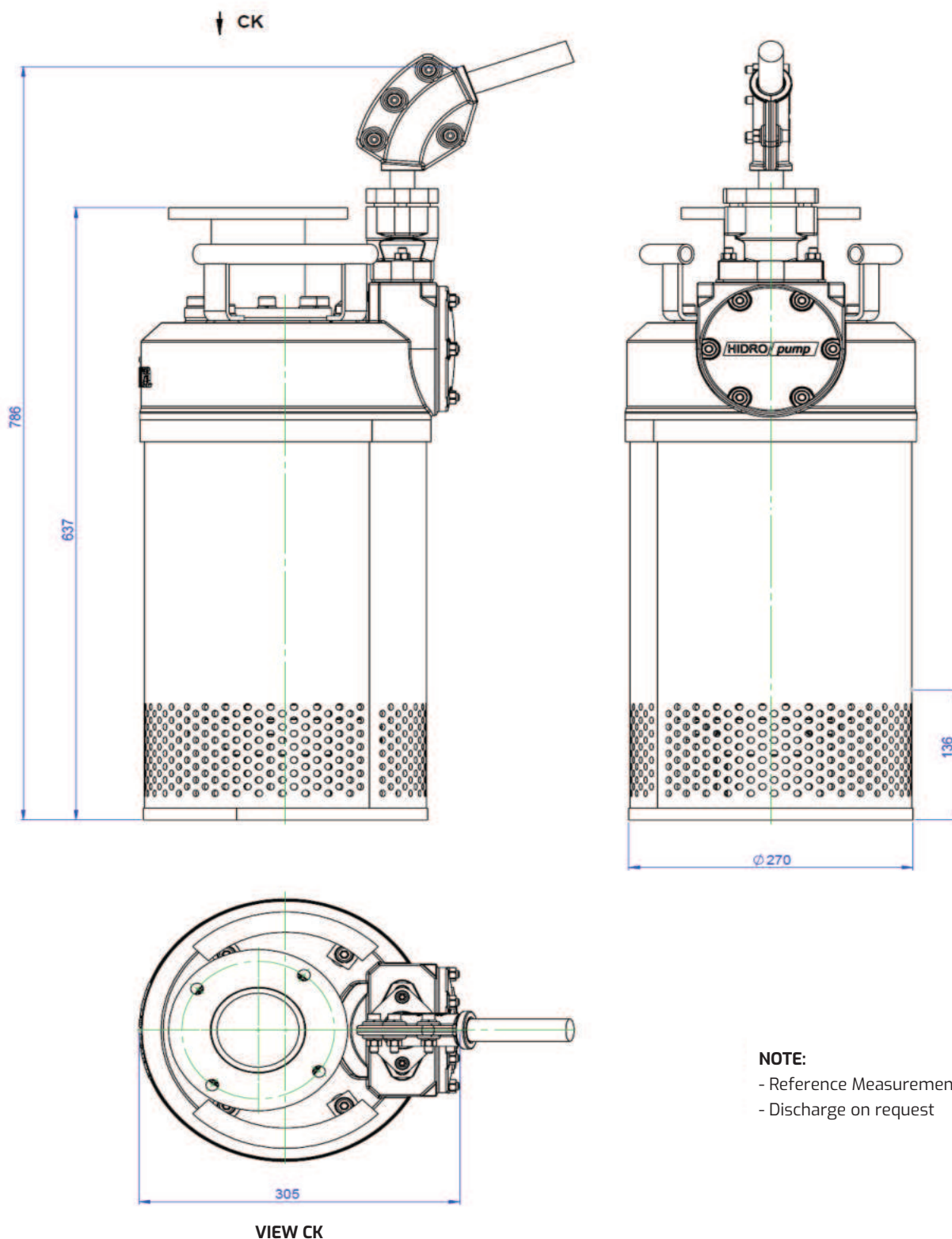
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H / N



NOTE:

- Reference Measurements
- Discharge on request

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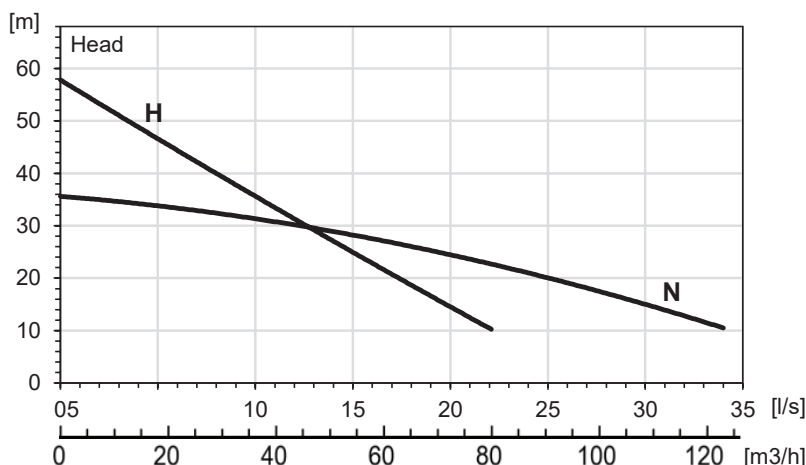
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Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

50 Hz	H	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	80	80
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: 5-8

Available materials

Cover: Aluminium

Cylinder: Carbon steel

Strainer: Carbon steel

Impeller: High chrome steel / Stainless steel

Volute: Aluminium + 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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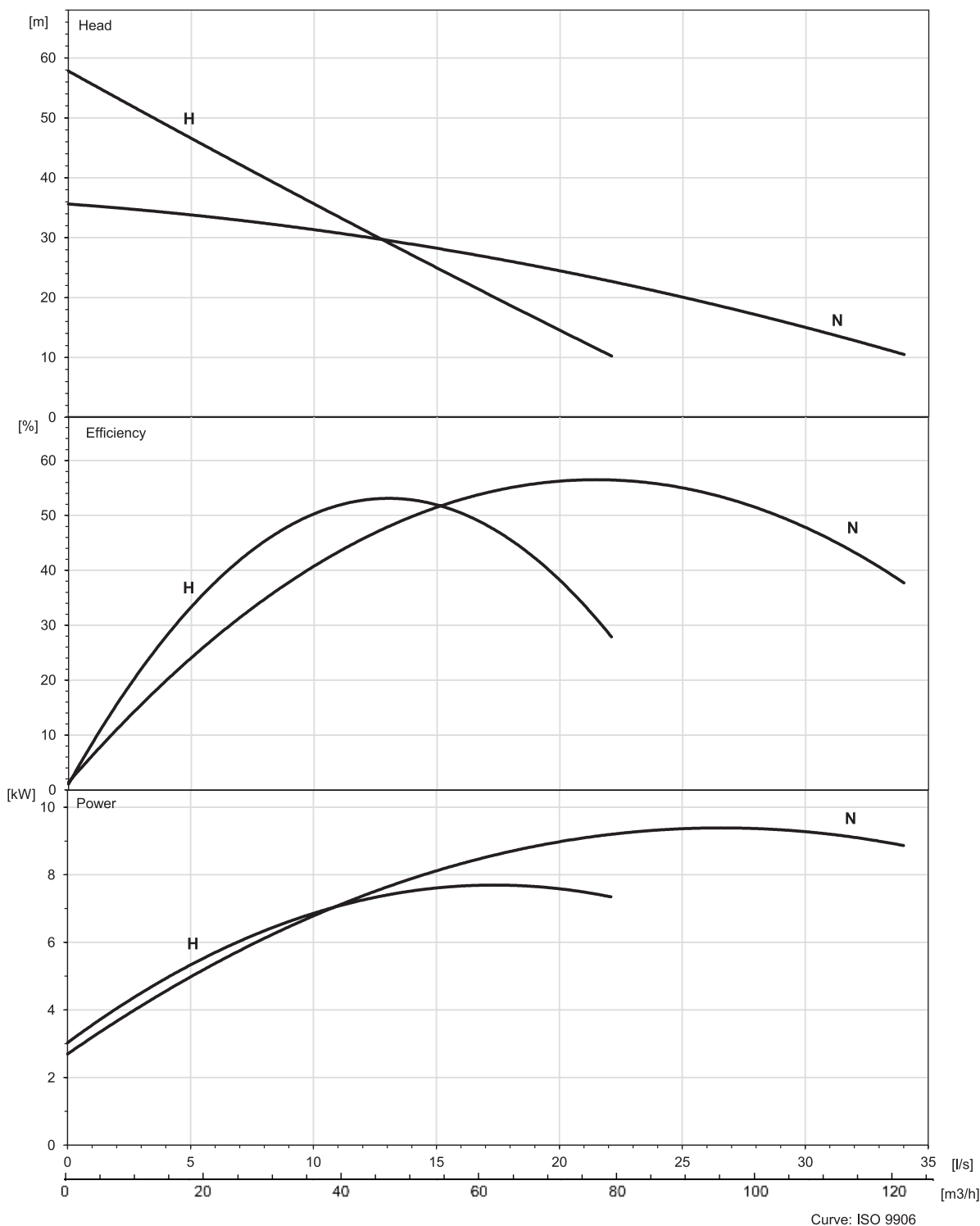
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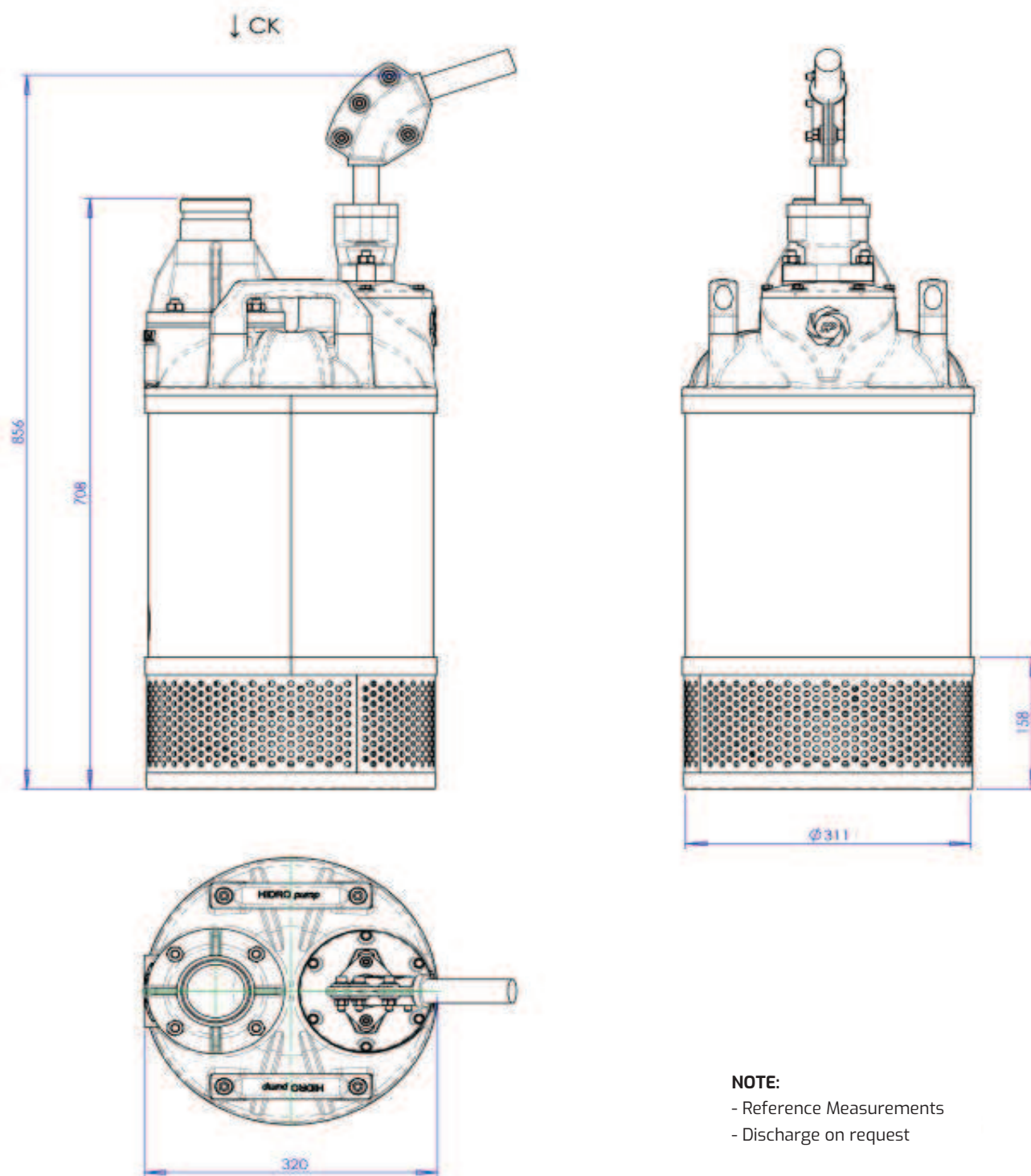
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H / N



NOTE:

- Reference Measurements
- Discharge on request

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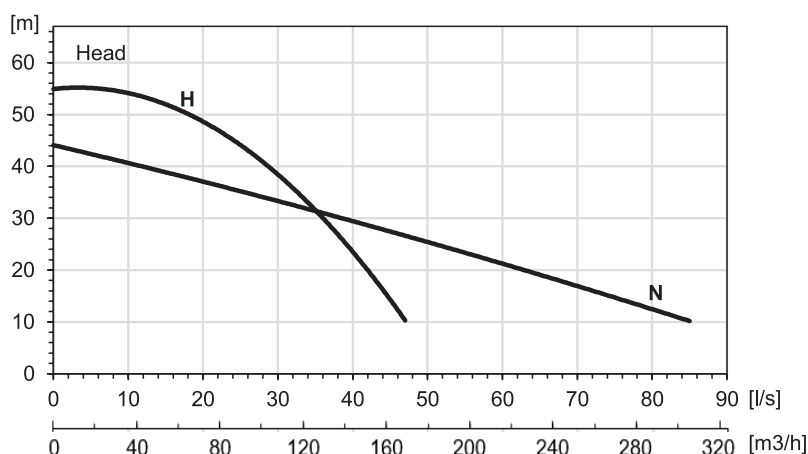
STANDARD



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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	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	180	180
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: 5 - 8

Available materials

Cover: Aluminium
Cylinder: Carbon steel
Strainer: Carbon steel
Impeller: High chrome steel / Stainless steel
Diffusers: Aluminium + 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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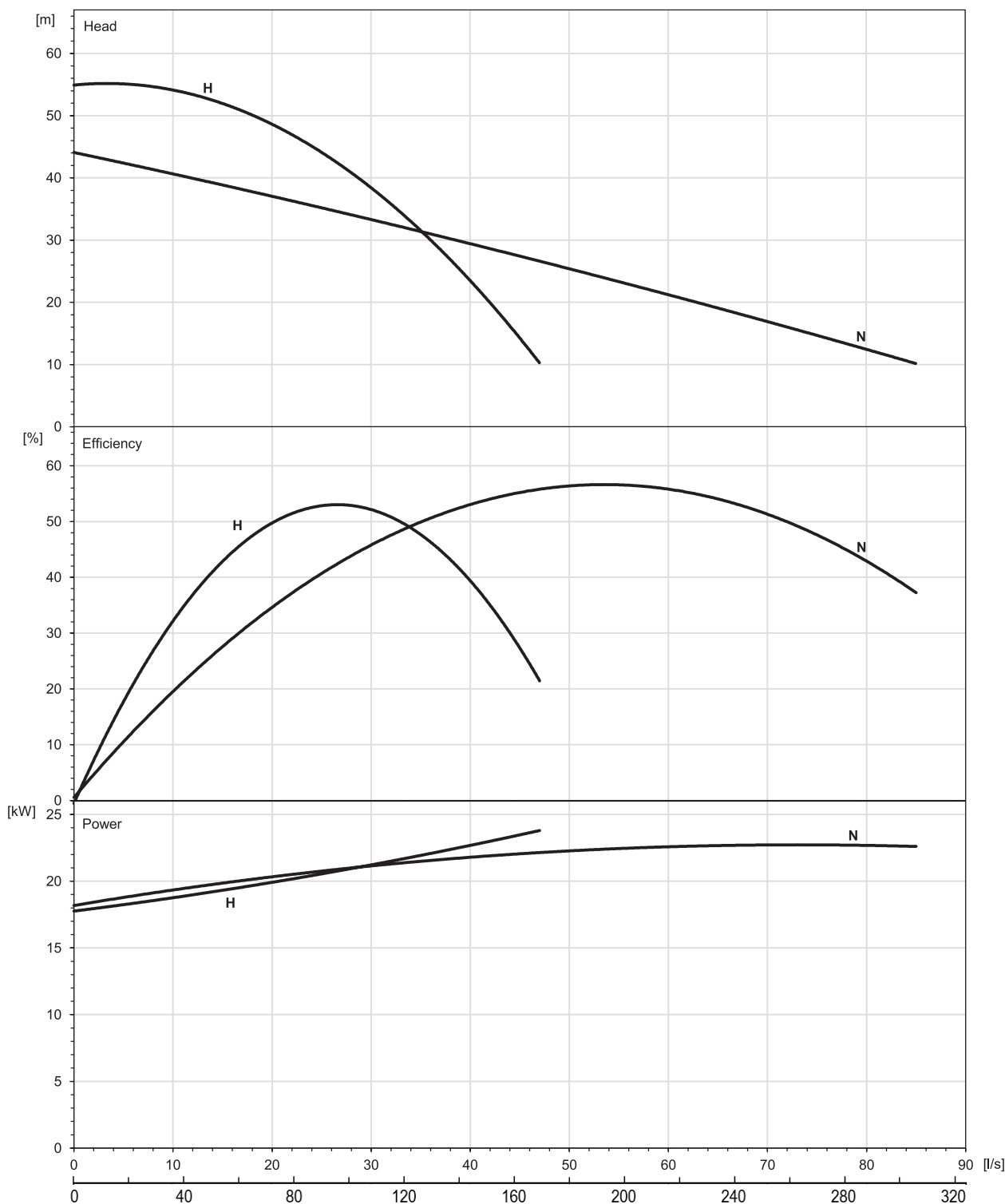
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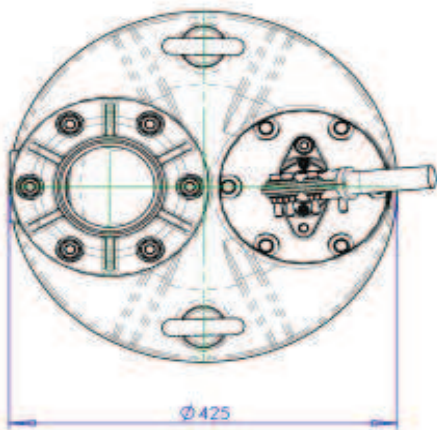
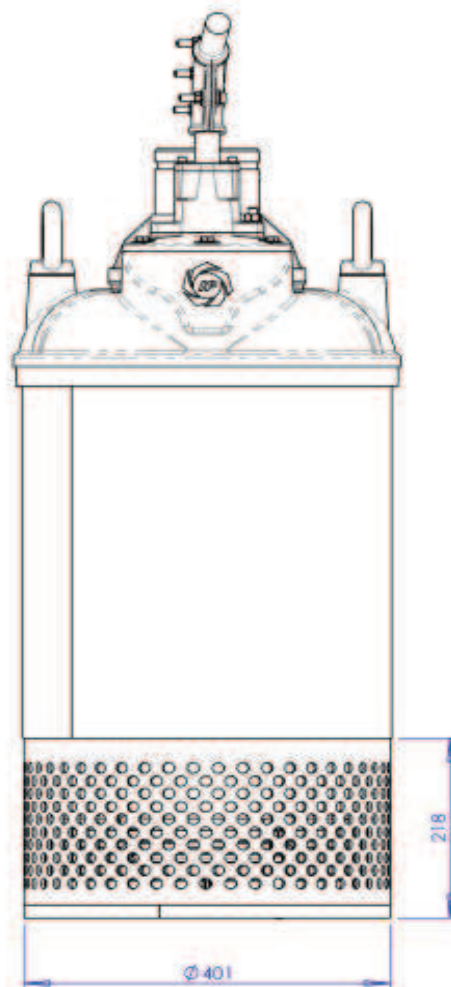
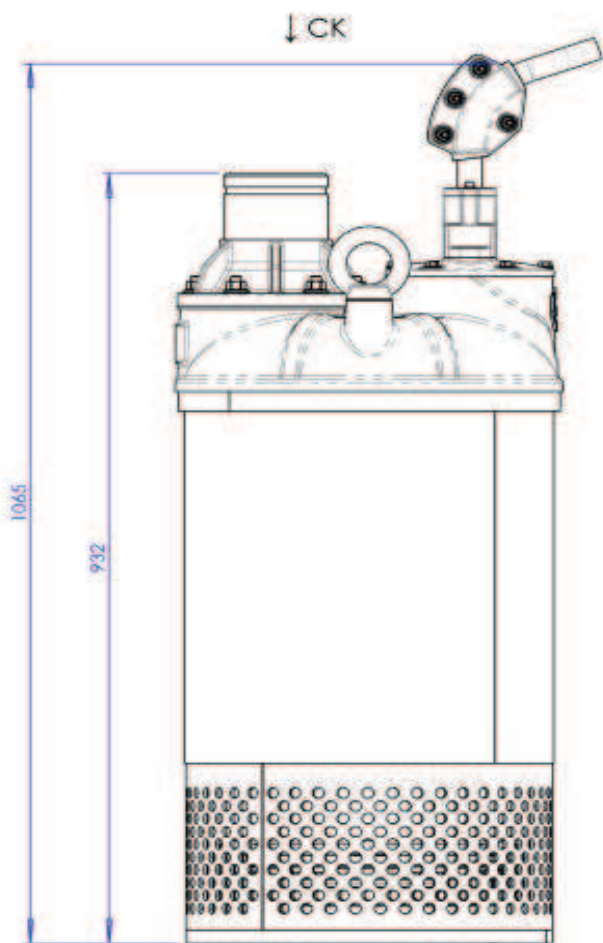
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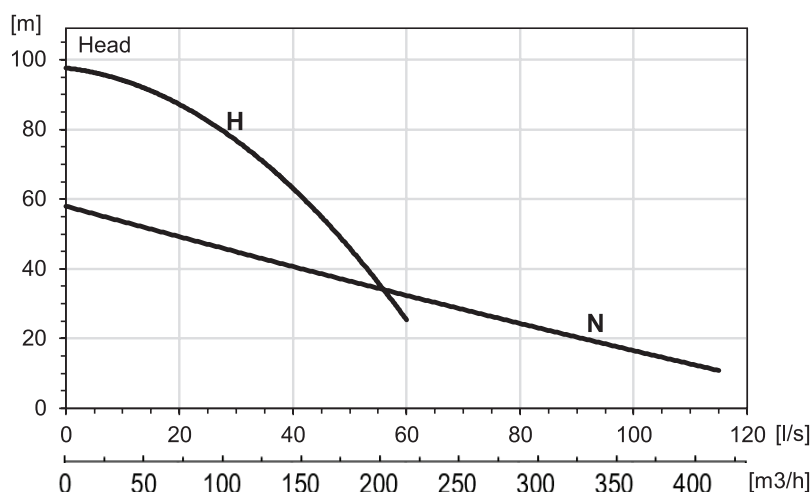
STANDARD



* 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	291	291
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

CableStar-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 connection4" H - 6" N^(*)**Limitations**

Maximum submersion: 20m

Maximum liquid temperature: 40°C

Liquid pH range: 2 - 11

Available materials

Cover: Aluminium

Cylinder: Carbon steel

Strainer: Carbon steel

Impeller: High chrome steel / Stainless steel

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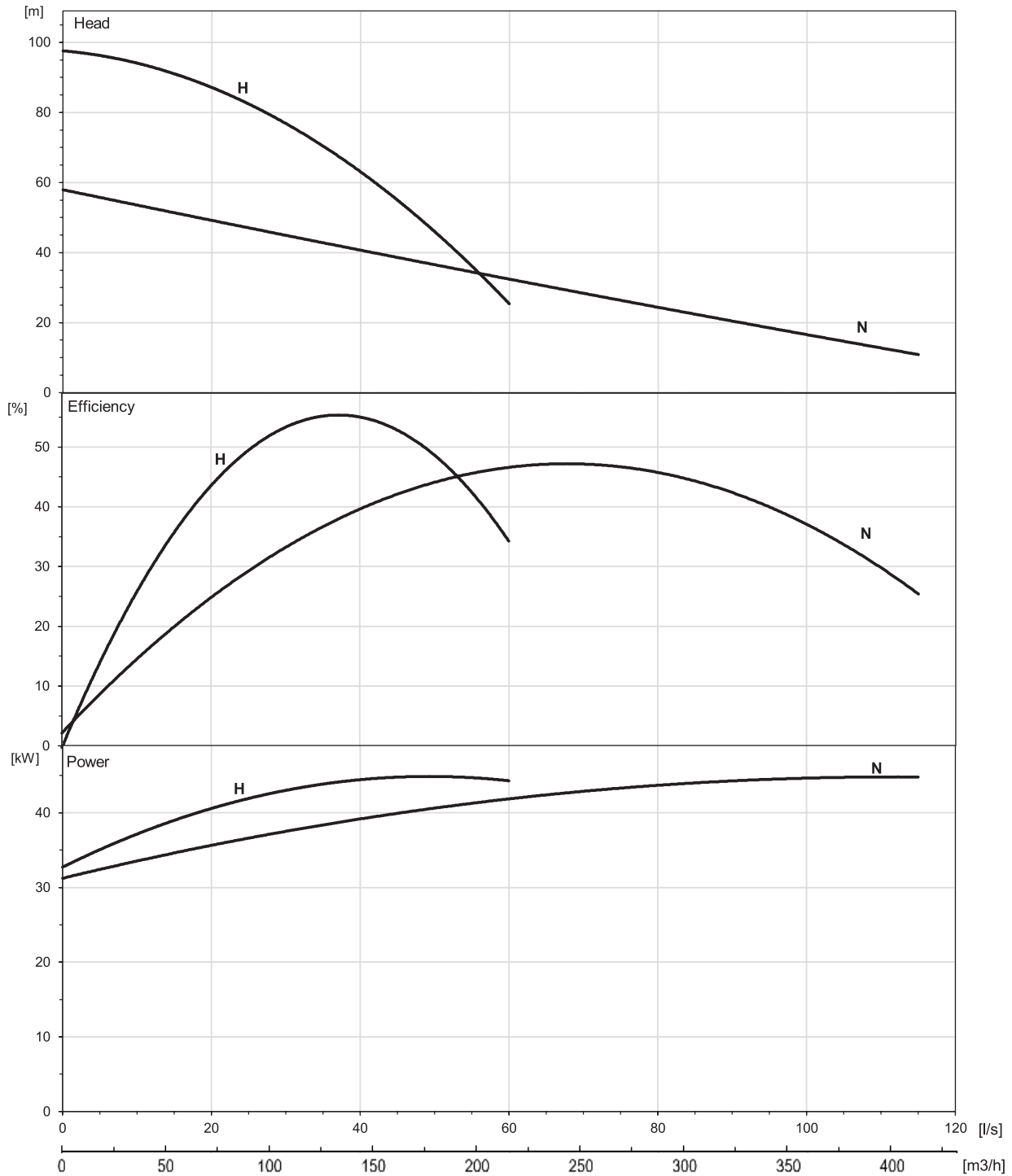
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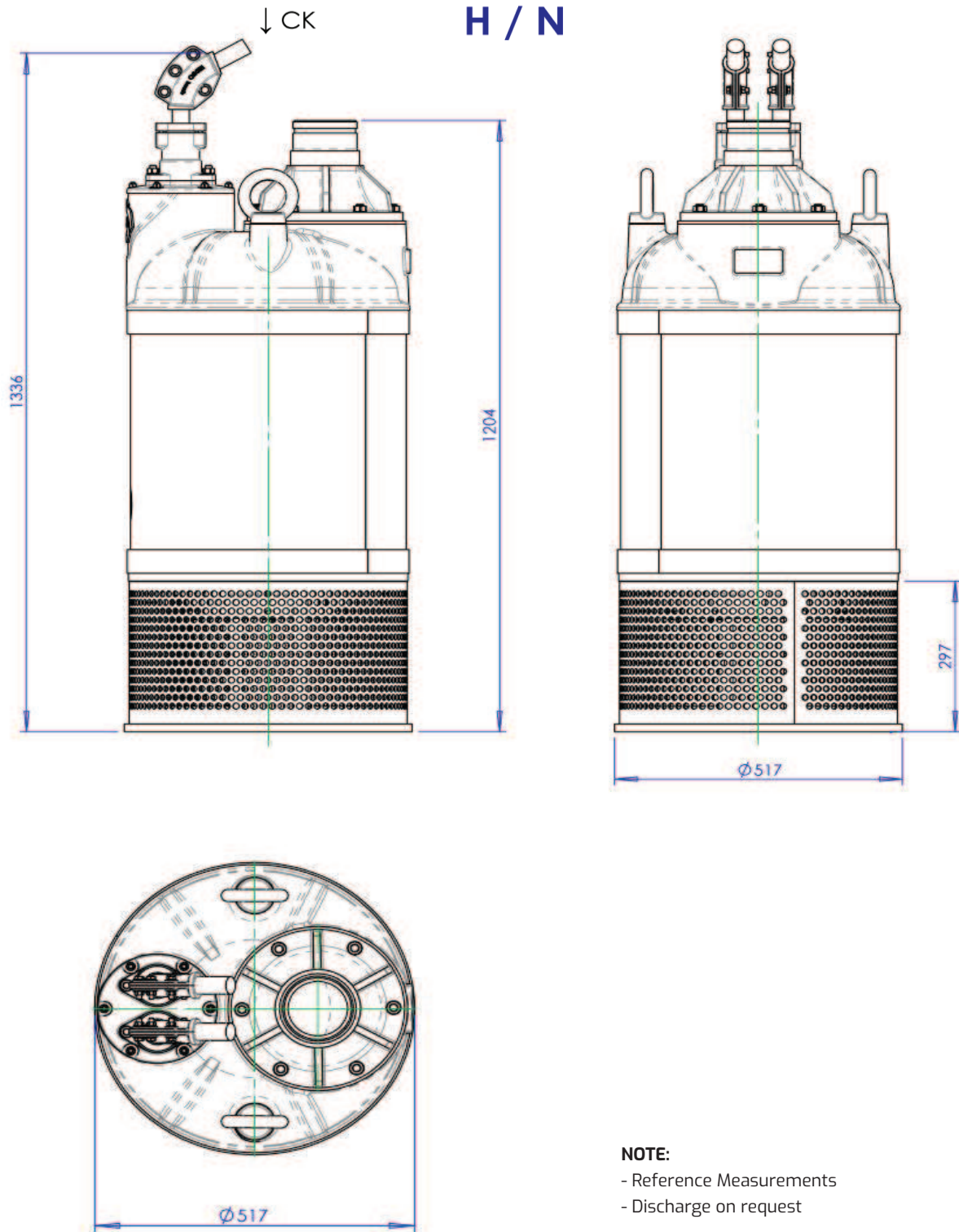
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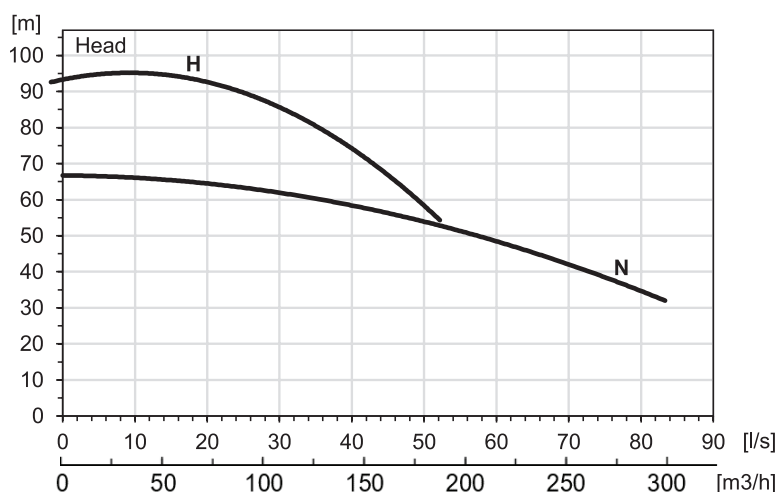
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Electric submersible drainage pump, available in various aluminium and stainless steel alloys. For applications in mines, power plants and other industries to handle abrasive solids and water.

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	649	649
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

Star-Delta: 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: 5 - 8

Available materials

Cover: Aluminium

Cylinder: Aluminium

Strainer: Carbon steel

Impeller: High chrome steel / Stainless steel

Diffusers: Aluminium + PU

Shaft: 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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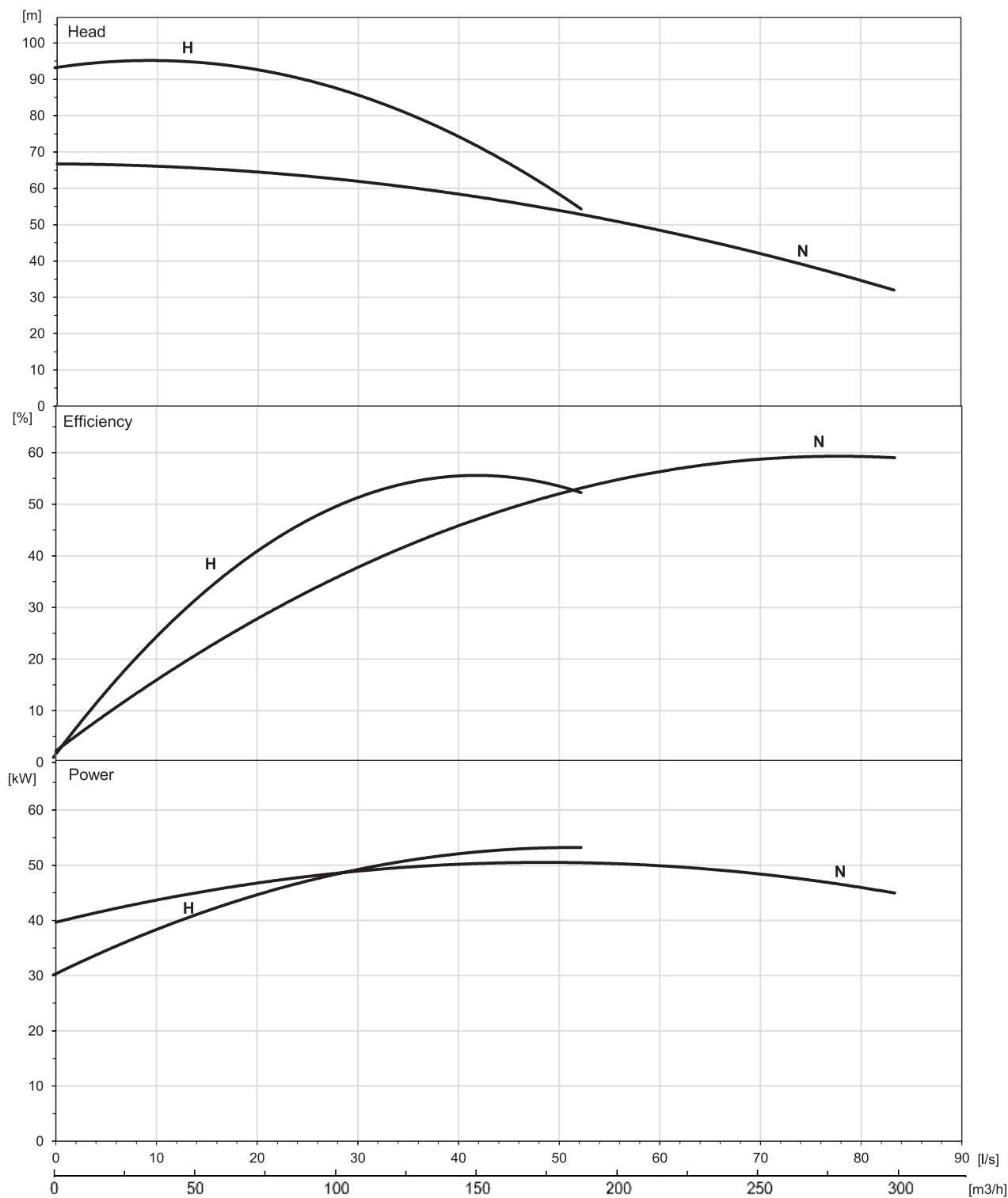
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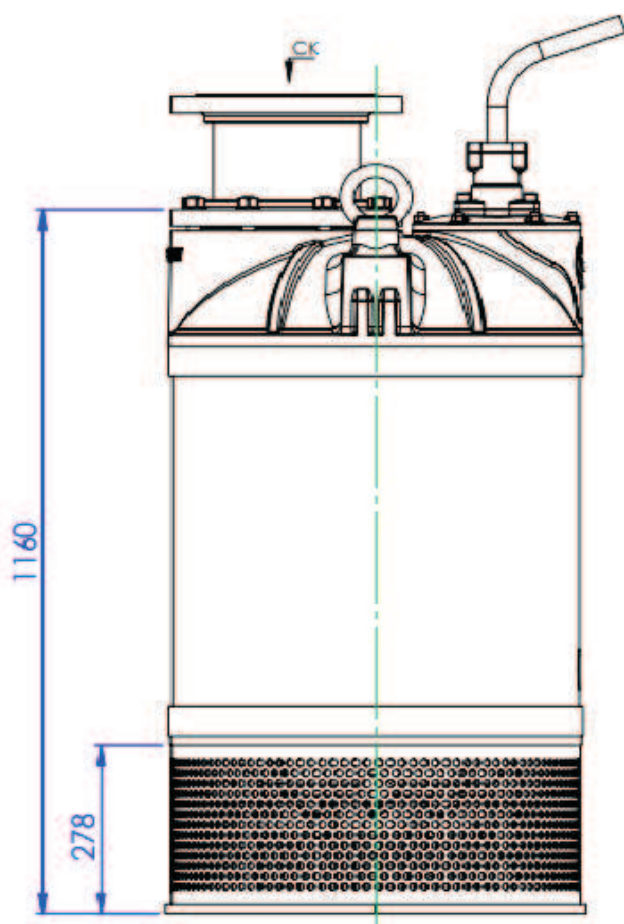
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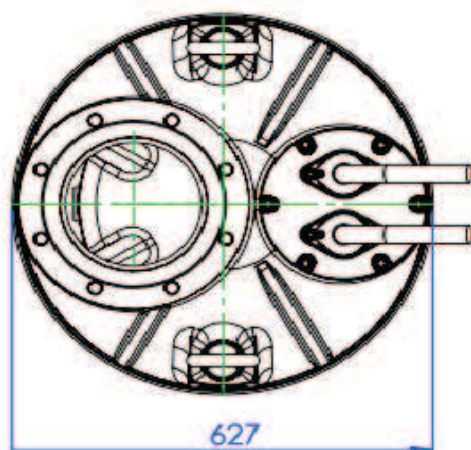
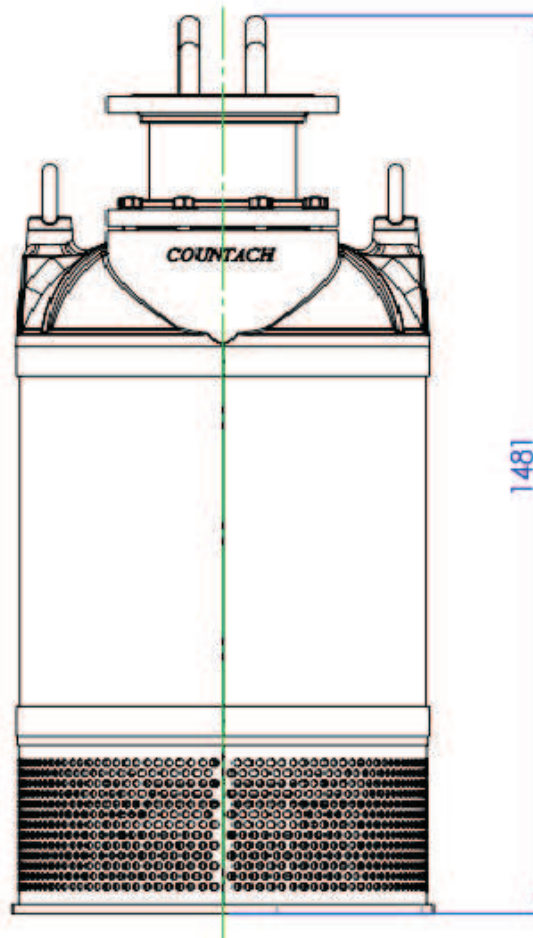
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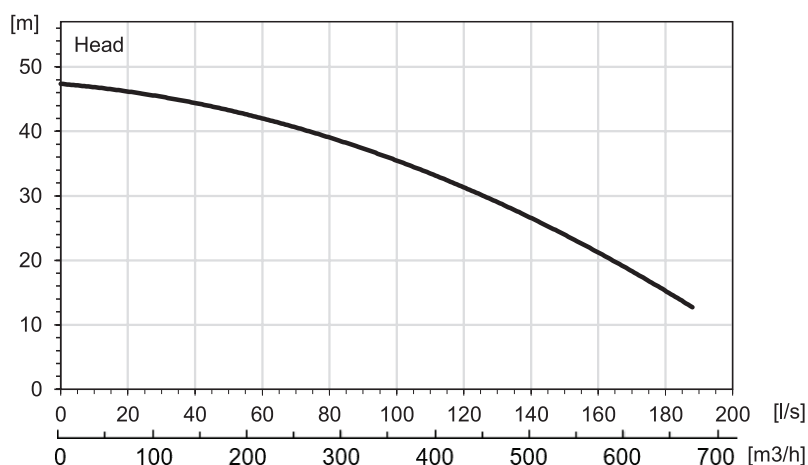
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STANDARD


*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]	60 / 80
Voltage, V	380 / 400 / 500
Nominal current, A	137 / 130 / 104
Weight, kg	1200
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 + 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 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: 6 - 11

Available materials

Cover: Cast iron

Cylinder: Carbon steel

Strainer: Carbon steel

Impeller: High chrome steel / Stainless steel

Casting: Case iron

Volute: Chrome steel

Shaft: 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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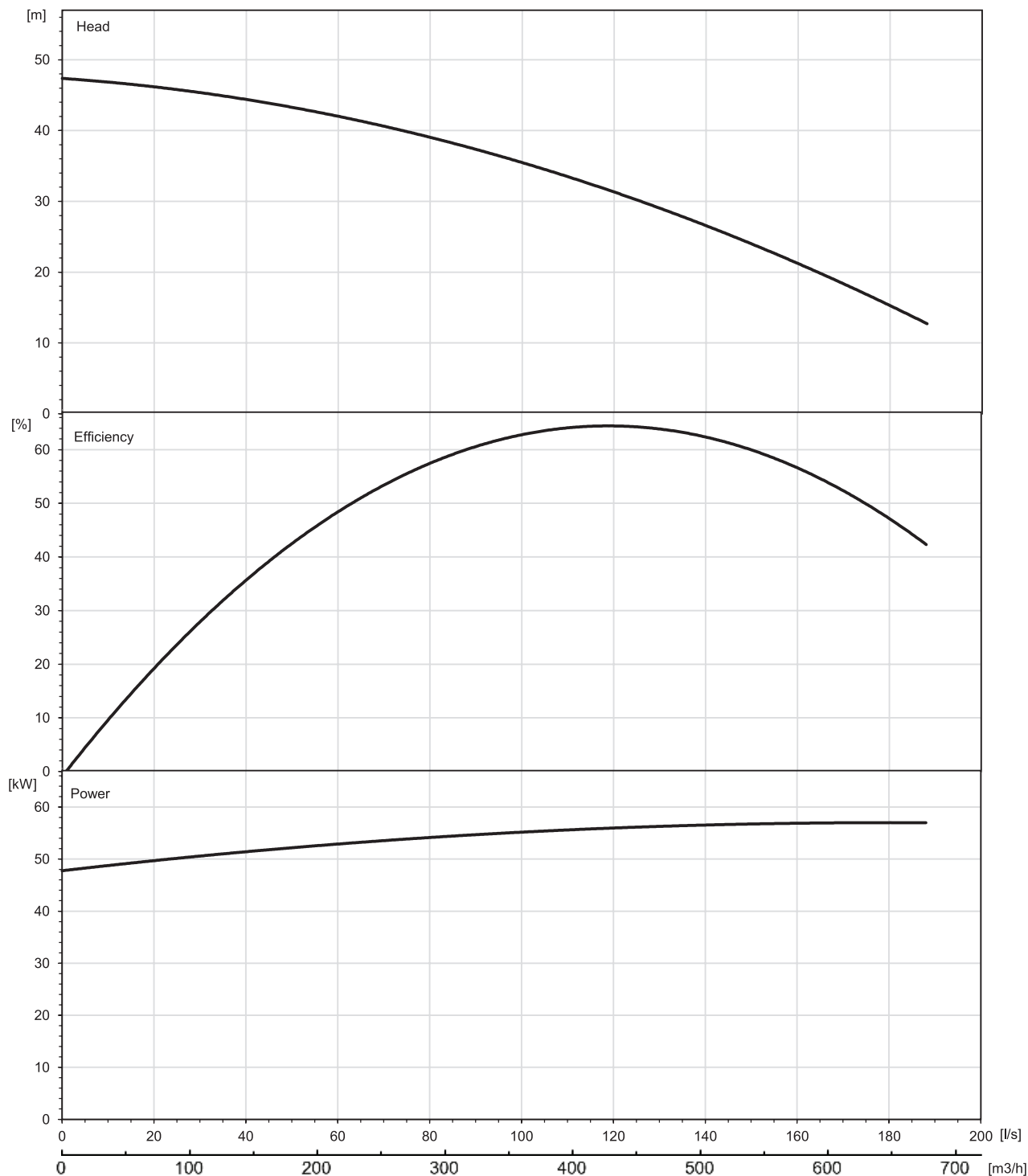
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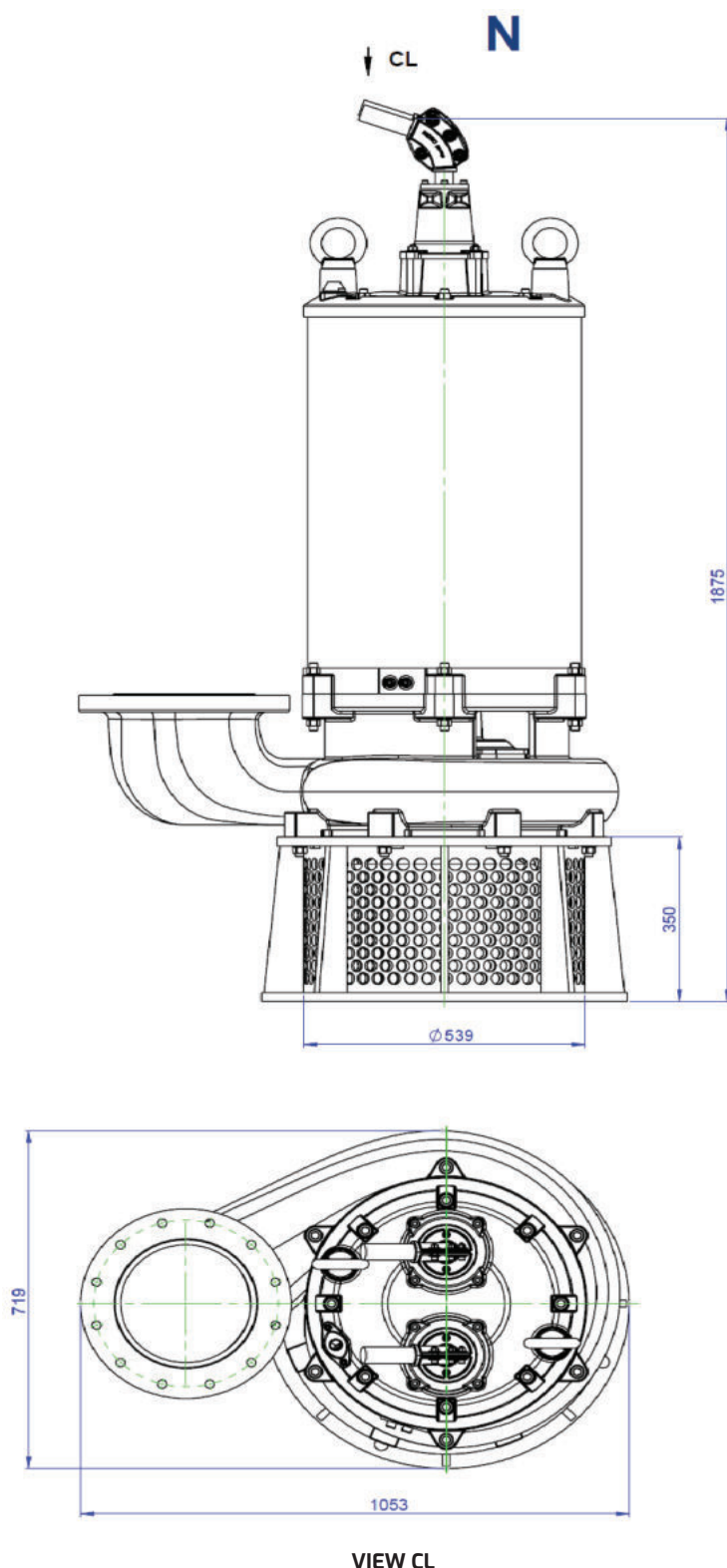


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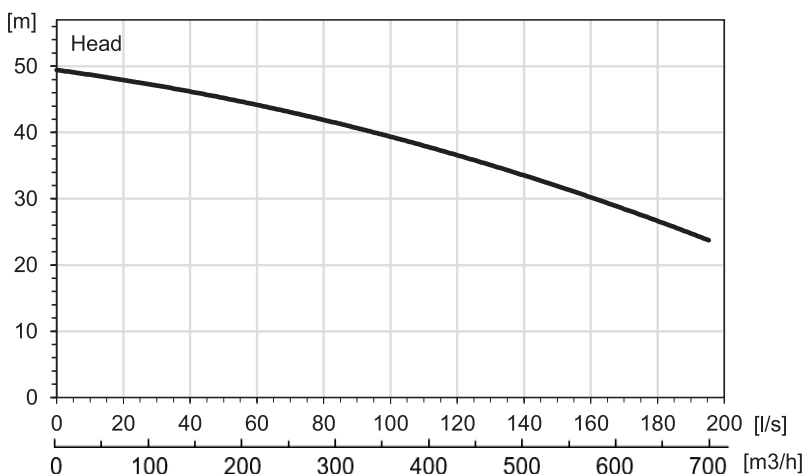
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* Reference image

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]	85 / 115
Voltage, V	415
Nominal current, A	151.3
Weight, kg	1270
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 + 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 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: 6 - 11

Available materials

Cover: Cast iron

Cylinder: Carbon steel

Strainer: Carbon steel

Impeller: High chrome steel / Stainless steel

Casting: Case iron

Volute: Chrome 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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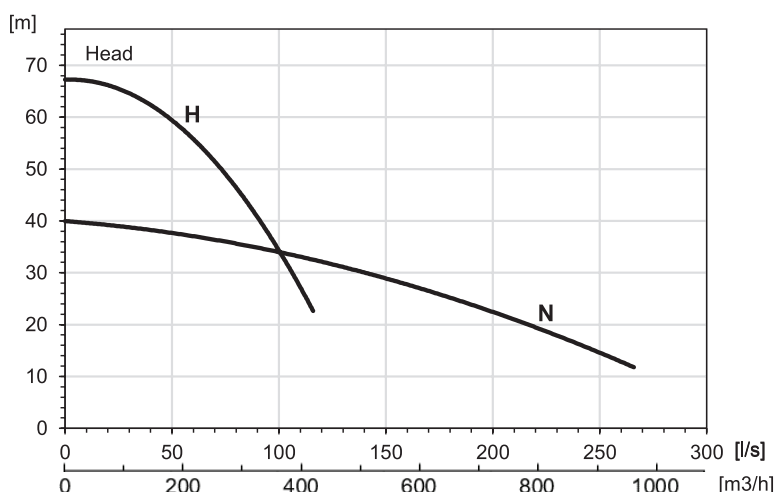
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STANDARD


*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]	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	670	670
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 seal 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: 5 - 8

Available materials

Cover: Aluminium

Strainer: Carbon steel

Impeller: High chrome steel / Stainless steel

Housing: Aluminium

Diffusers: Aluminium +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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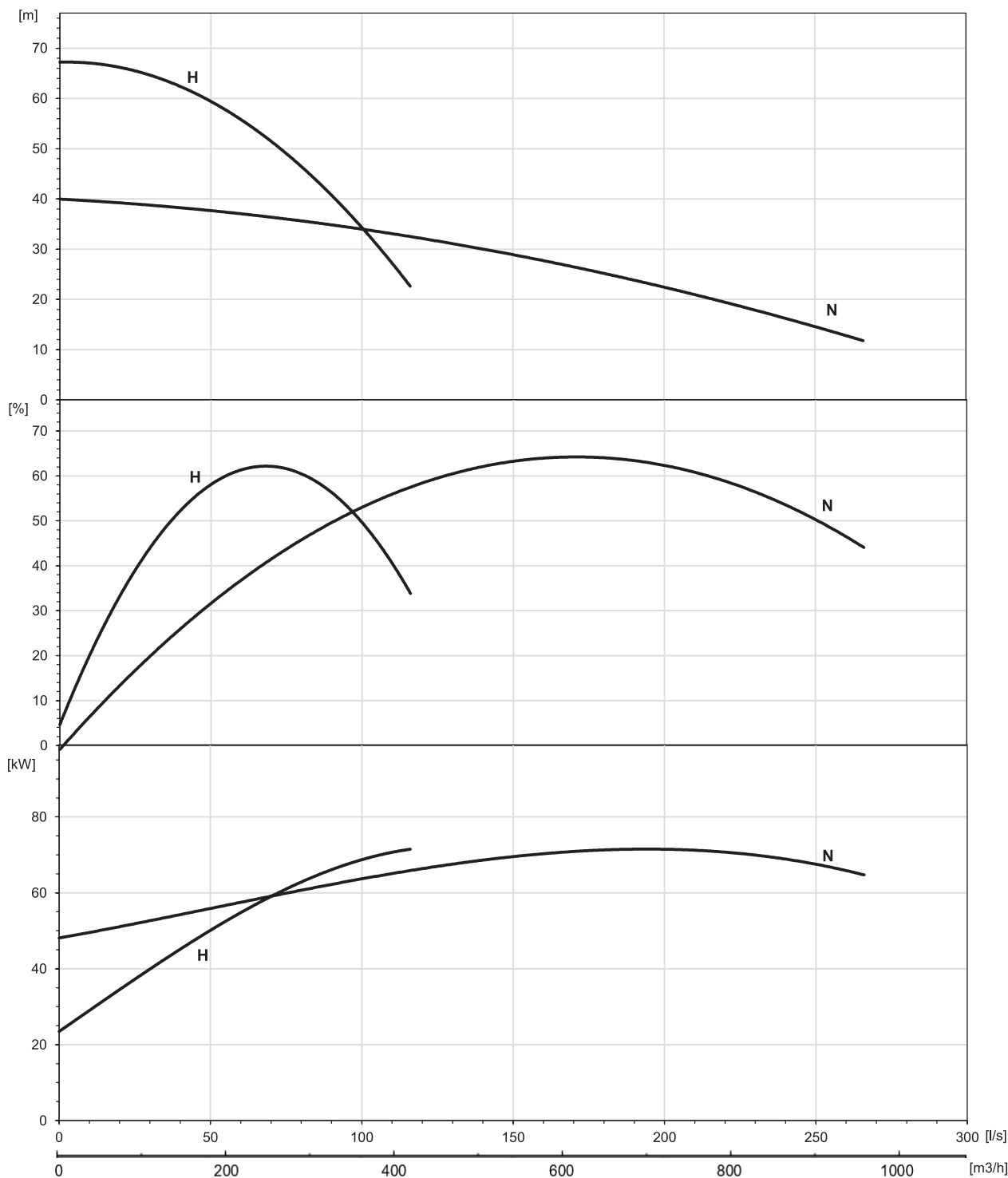
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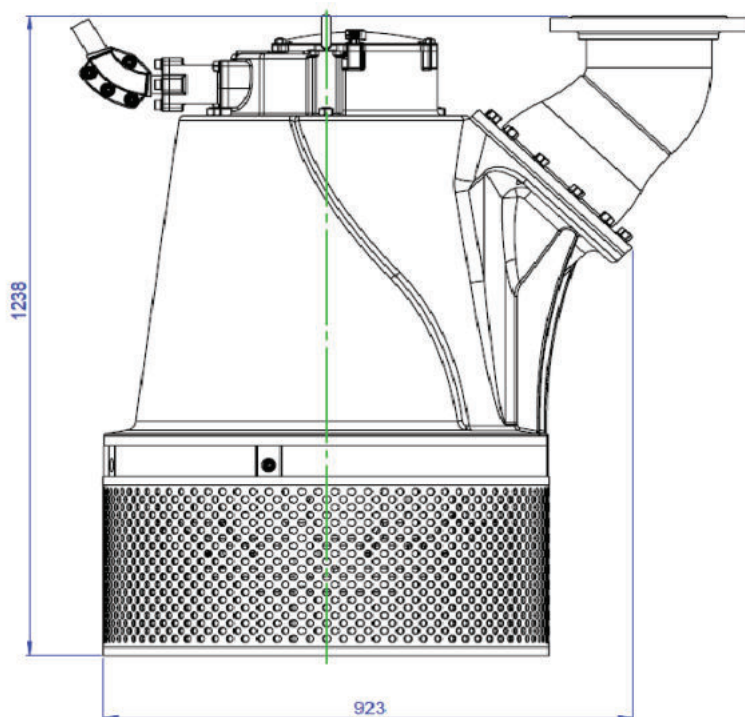
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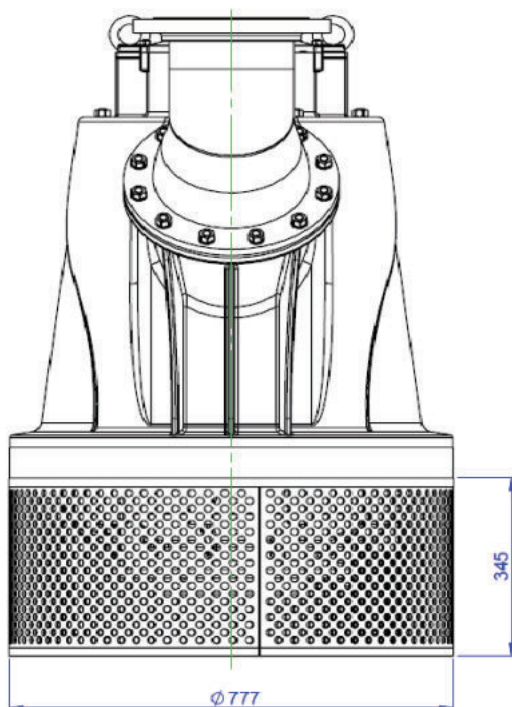
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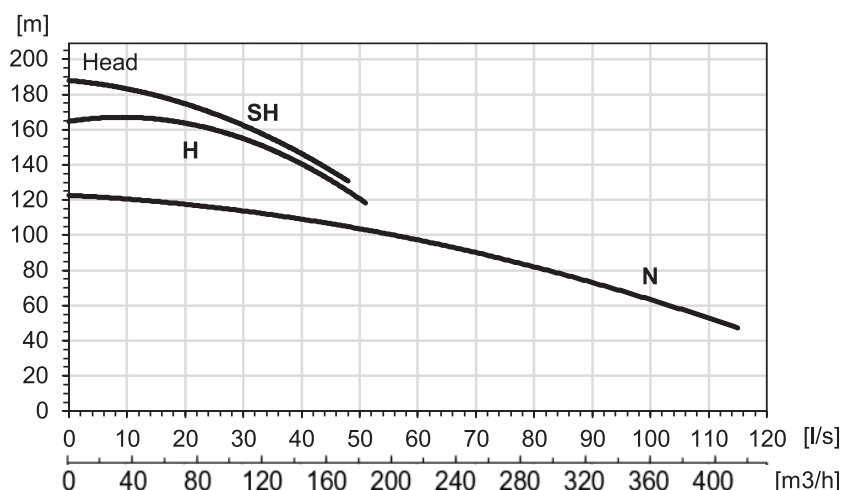
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*Reference image

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	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	889	889	889
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: 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: 6 - 11

Available materials

Cover: Cast iron
 Cylinder: Carbon steel
 Strainer: Carbon steel
 Impeller: High chrome steel / Stainless steel
 Diffusers: Cast iron + PU / High chrome 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.

Contact Your Local Dowdens Account Manager

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 info@dowdens.com.au

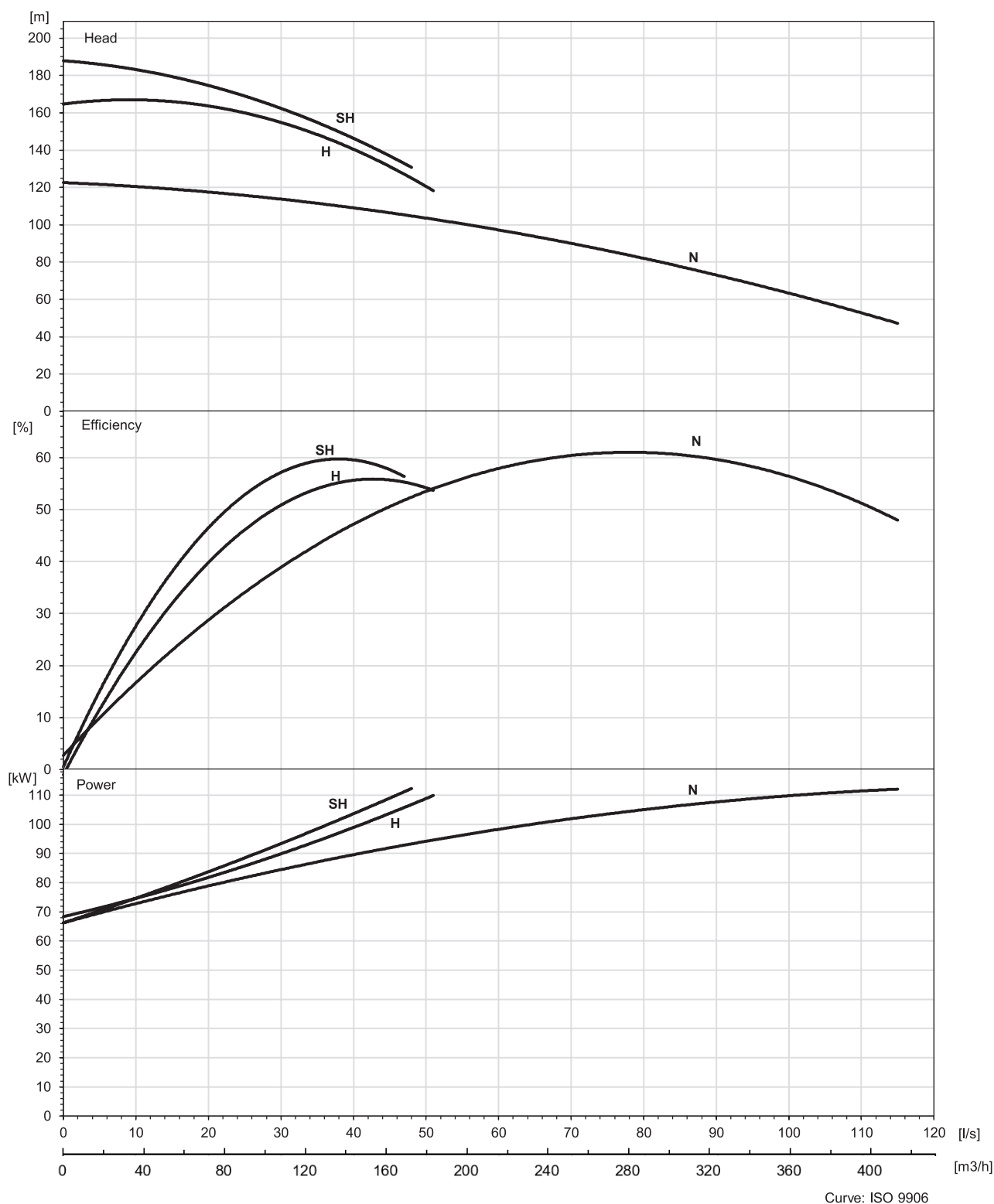
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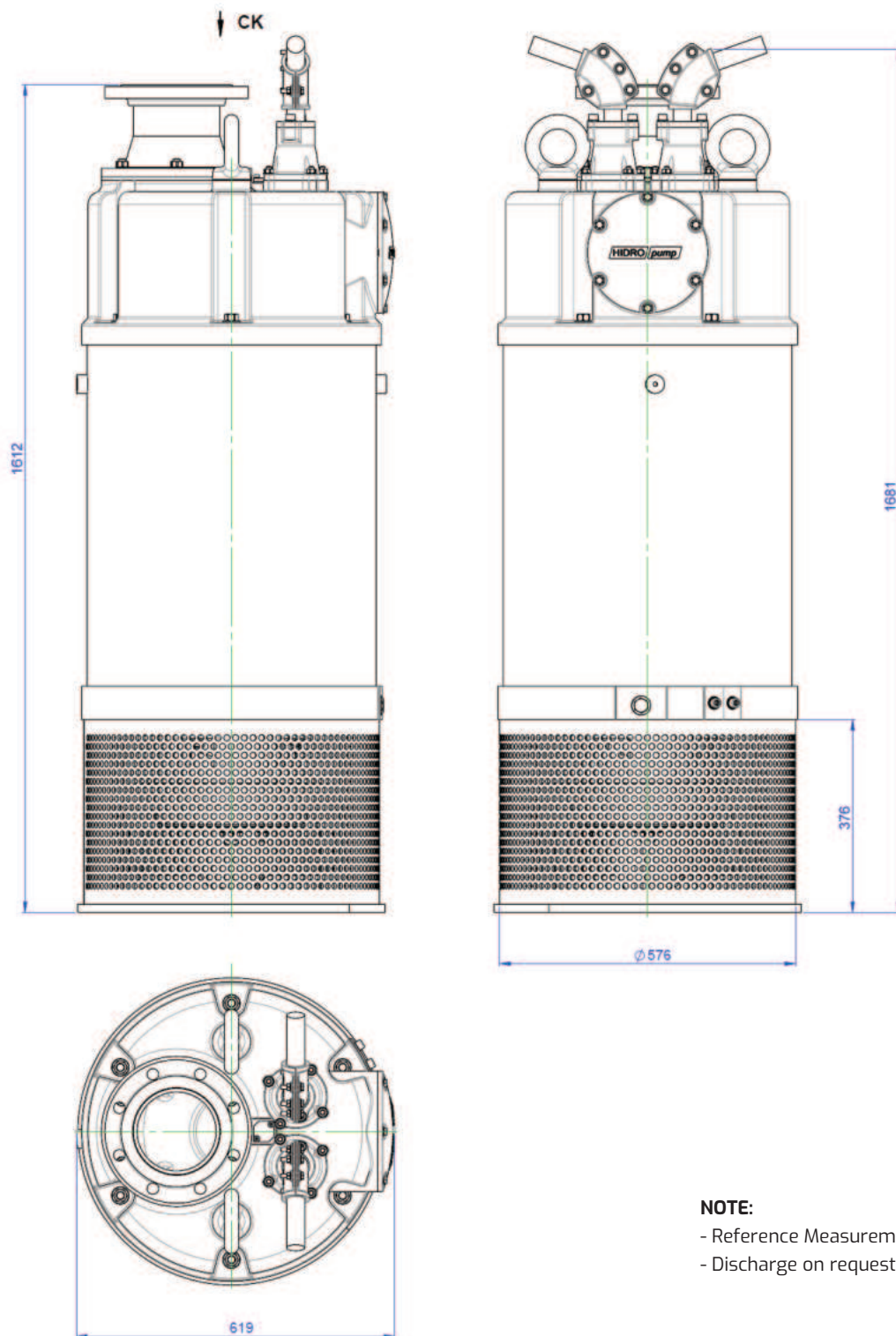
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H / N**VIEW CK****NOTE:**

- Reference Measurements
- Discharge on request

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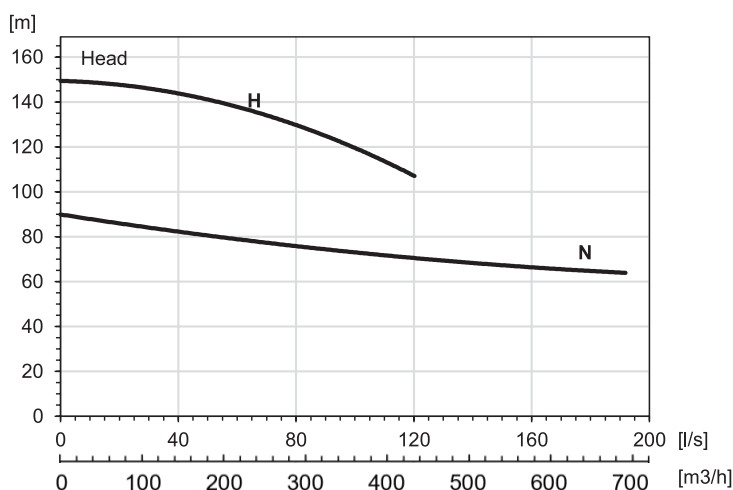
STANDARD



*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	2400	2584
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

Cable2 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: 6 - 11

Available materials

Cover: Cast iron

Cylinder: Carbon steel

Strainer: Carbon steel.

Impeller: High chrome steel / Stainless steel

Diffusers: Cast iron + PU / High chrome steel

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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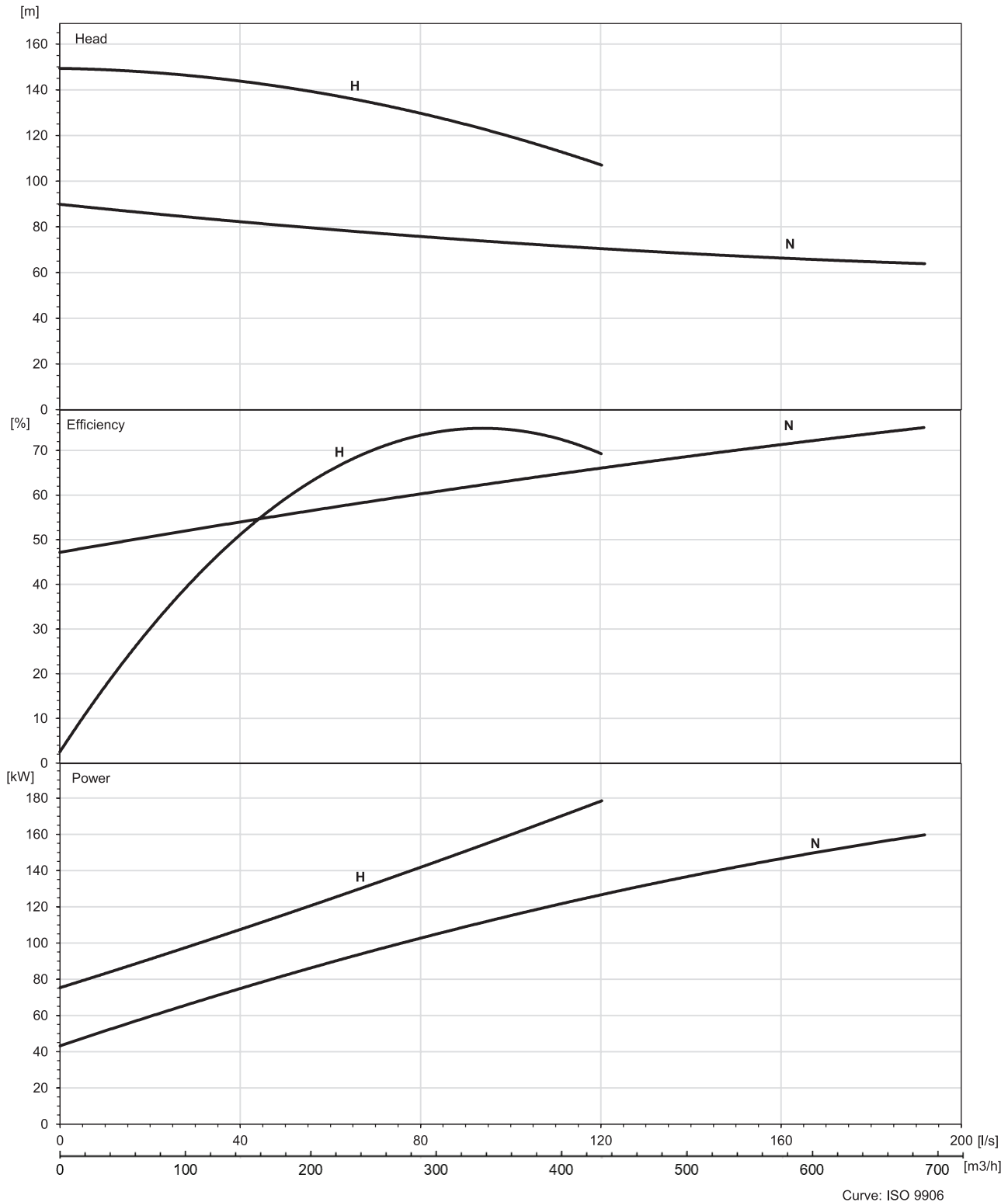
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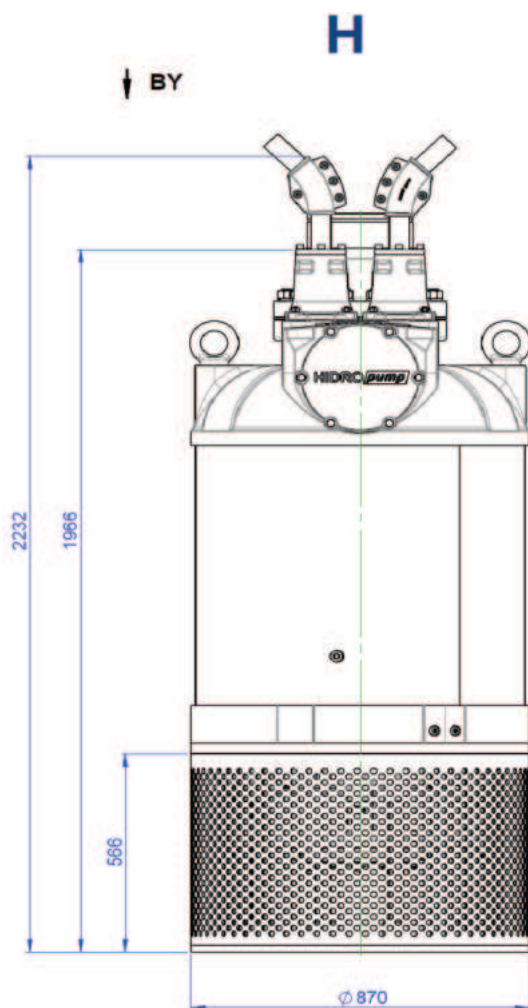
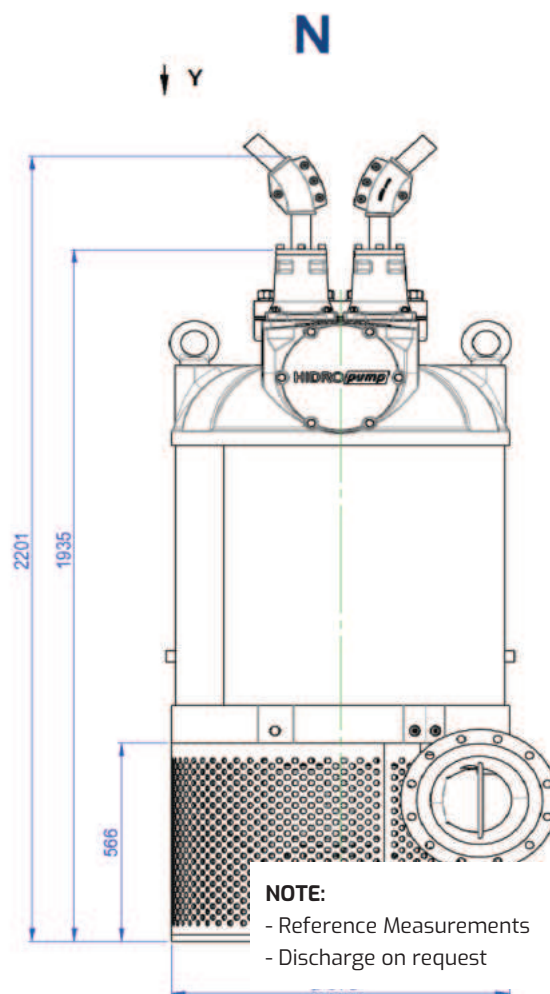
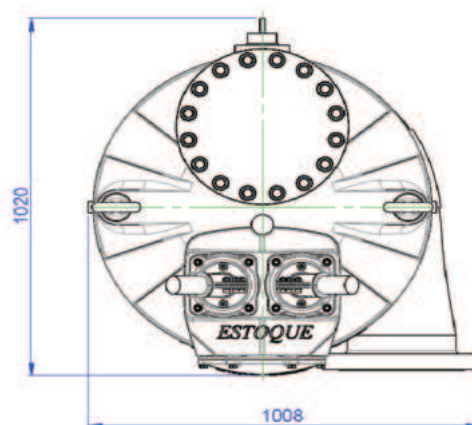
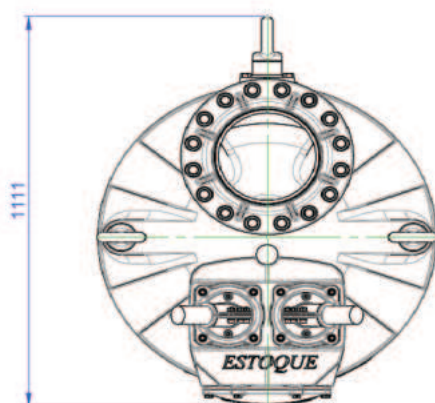
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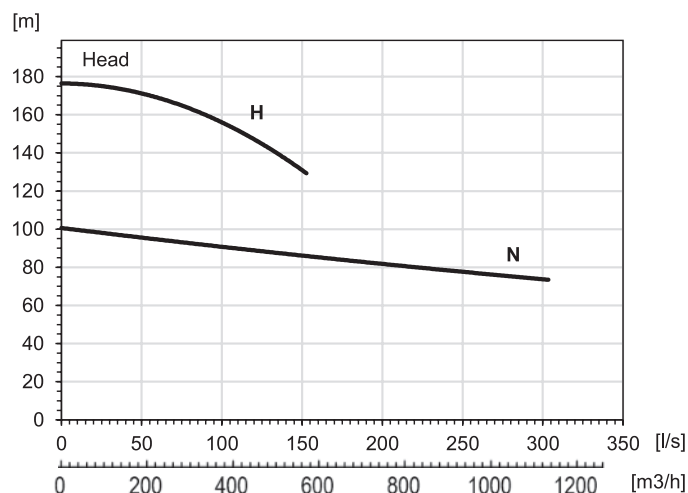
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*Reference image

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	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

Thermal 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 - 10" ANSI 300 lb

*H - DN250 PN40 / N - DN350 PN40

Limitations

Maximum submersion: 50m

Maximum liquid temperature: 40°C

Liquid pH range: 6 - 11

Available materials

Cover: Cast iron

Cylinder: Carbon steel

Strainer: Carbon steel.

Impeller: High chrome steel / Stainless steel

Diffusers: Cast iron + PU / High chrome steel

Shaft: AISI 431 Stainless steel

Screws/Nuts: Stainless steel

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