

HIDRO PUMP CATALOGUE

DEWATERING
PUMPS
1000 VOLTS

50 Hz

STAINLESS STEEL


DOWDENS
PUMPING & WATER TREATMENT

Making water work for you



HIDRO pump

DEWATERING STAINLESS STEEL PUMPS 1000V

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: 1000v

Stainless Steel



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: 1000v

Stainless Steel



Diablo
HP35

Gallardo
HP58

Countach
HP80

Hurican
HP100

Aventador
HP115

Revento
HP150

Estoque
HP300

Asterion
HP450

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)

9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON

4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE

45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE

2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

www.dowdens.com.au

INDEX

A

ASTERION HP450 SS 1000V 35

AVENTADOR HP115 SS 1000V 26, 27, 28

C

COUNTACH HP80 SS 1000V 20, 21, 22

D

DIABLO HP35 SS 1000V 14, 15, 16

E

ESPADA HP15 SS 1000V 11, 12, 13

ESTOQUE HP300 SS 1000V 32, 33, 34

G

GALLARDO HP58 SS 1000V 17, 18, 19

H

HURACAN HP100 SS 1000V 23, 24, 25

J

JALPA HP2 SS 1000V 4

JALPA HP3 SS 1000V 5

JALPA HP5 SS 1000V 6

JALPA HP7 SS 1000V 7

M

MIURA HP10 SS 1000V 8, 9, 10

R

REVENTON HP150 SS 1000V 29, 30, 31

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)

9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON

4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE

45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE

2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



www.dowdens.com.au

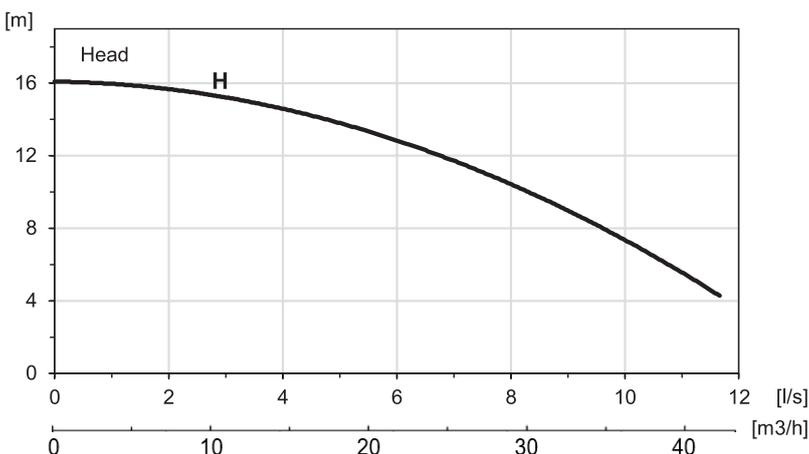
STAINLESS STEEL



*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	1000
Nominal current, A	1.6
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^(*)

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.

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



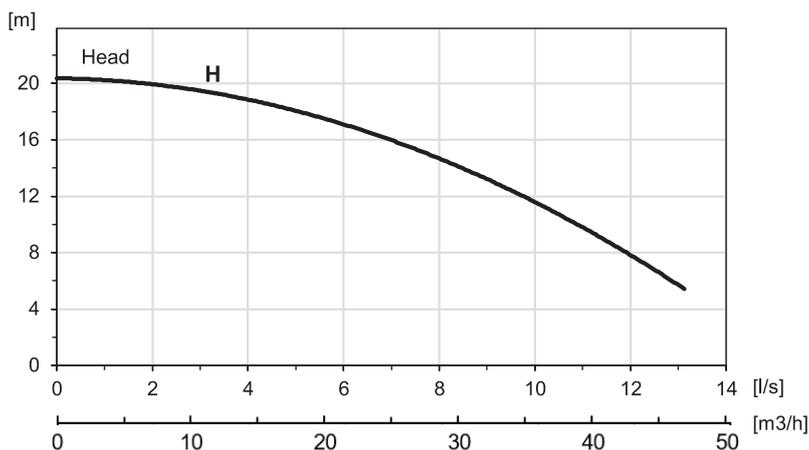
STAINLESS STEEL



*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]	2.6 / 3.5
Voltage, V	1000
Nominal current, A	2.2
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^(*)

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.

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



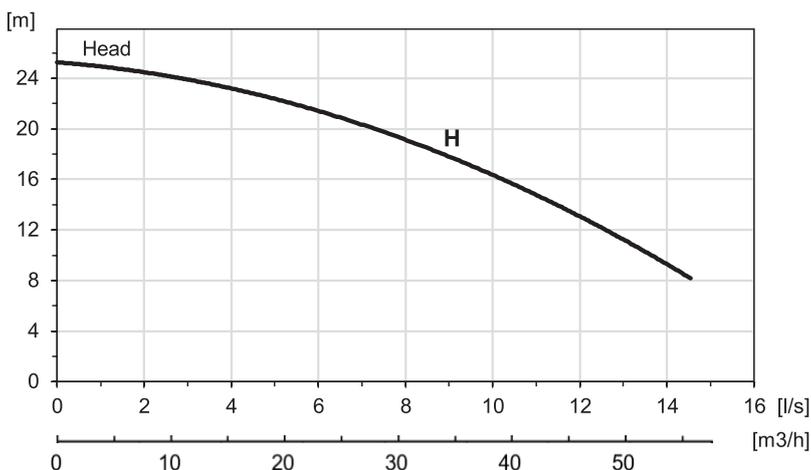
STAINLESS STEEL



*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]	3.7 / 5
Voltage, V	1000
Nominal current, A	2.9
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^(*)

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

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

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



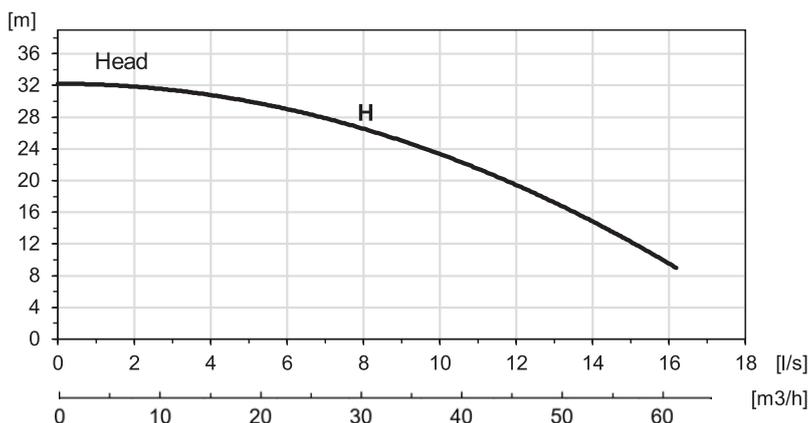
STAINLESS STEEL



*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]	5.5 / 7.5
Voltage, V	1000
Nominal current, A	4.3
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

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

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



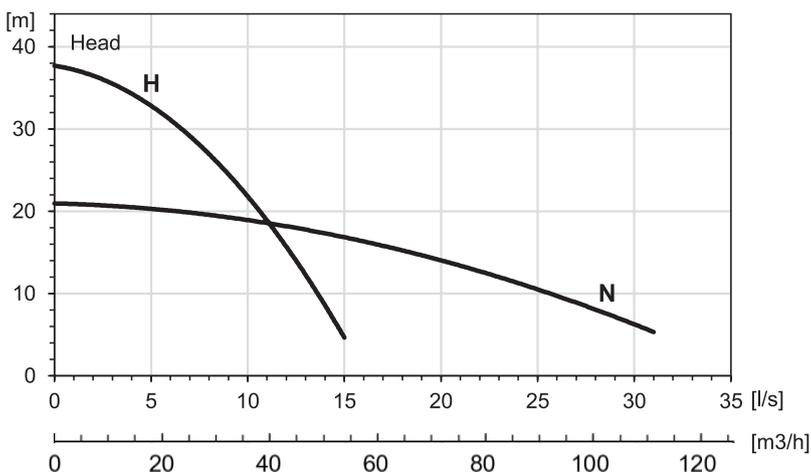
STAINLESS STEEL



*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]	5.5 / 7.5	5.5 / 7.5
Voltage, V	1000	1000
Nominal current, A	4.5	4.5
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
External cover: 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

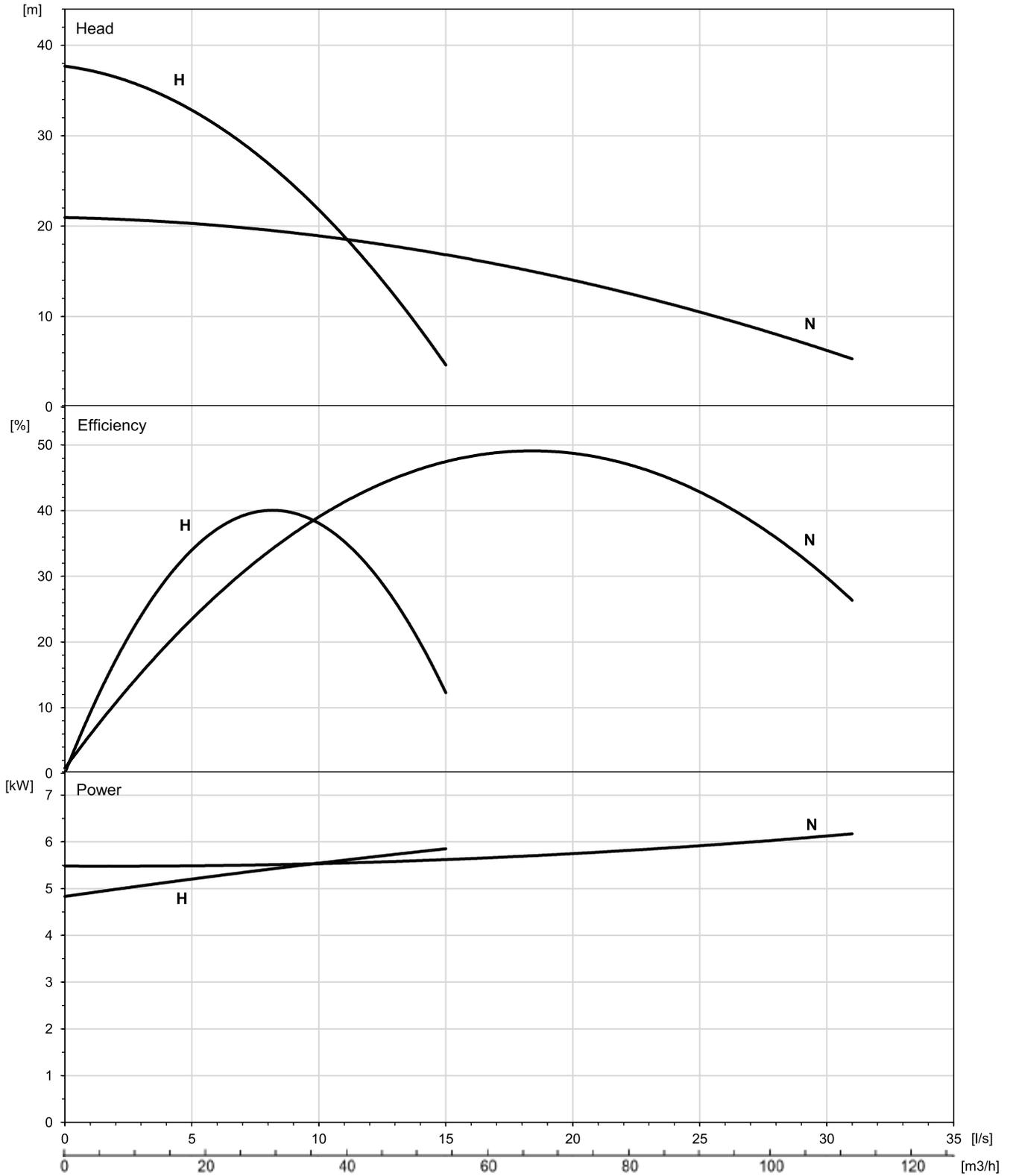
MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au





Curve: ISO 9906

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

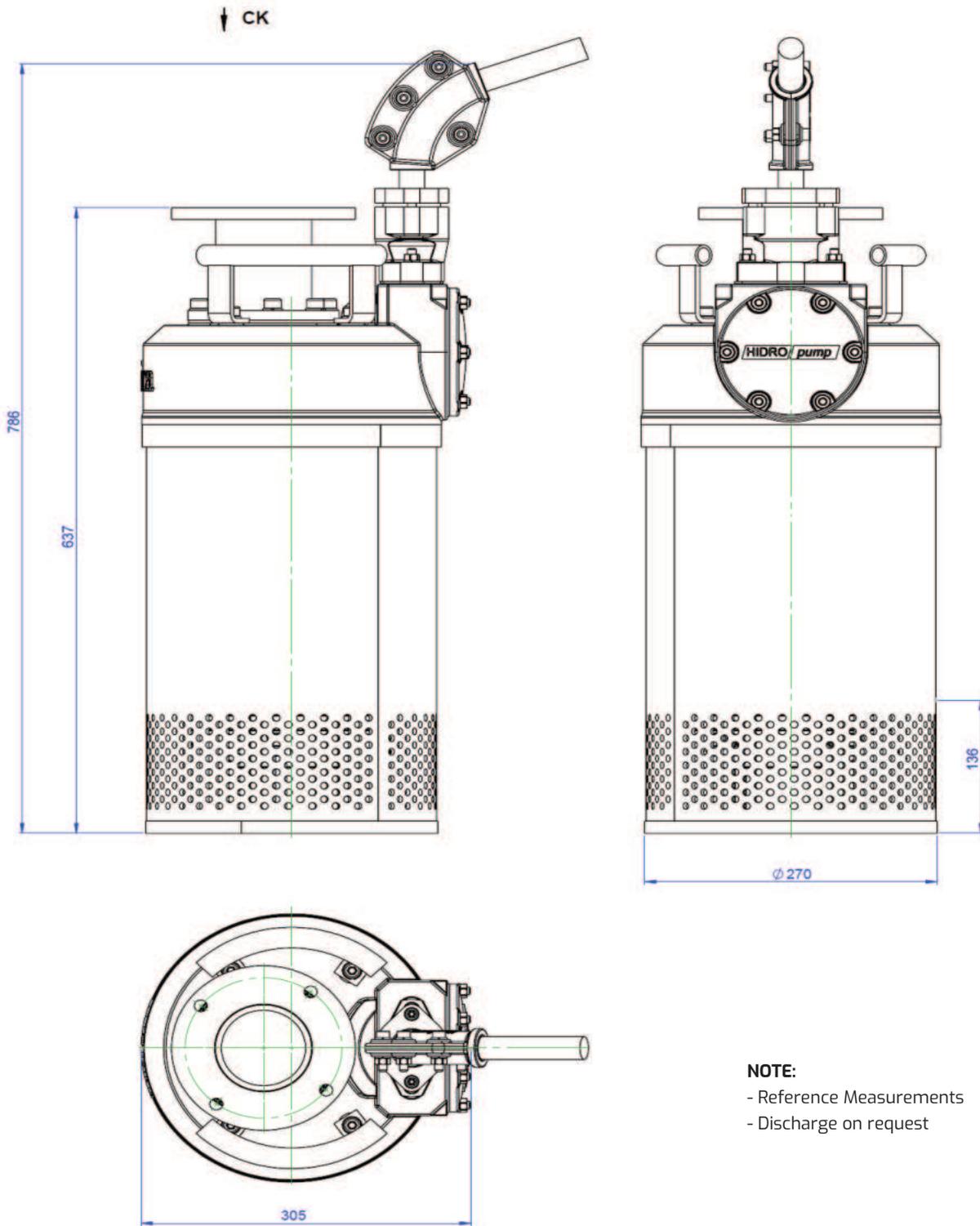
ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax: 07 4969 4900
info@dowdens.com.au



H / N



VIEW CK

NOTE:
- Reference Measurements
- Discharge on request

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

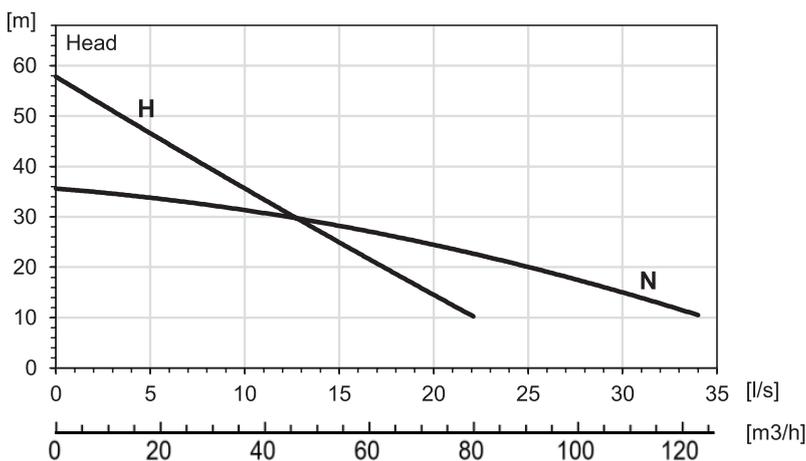
www.dowdens.com.au

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]	11 / 15	11 / 15
Voltage, V	1000	1000
Nominal current, A	7.9	7.9
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.

*Specifications are subject to change without notice.

Contact Your Local Dowdens Account Manager

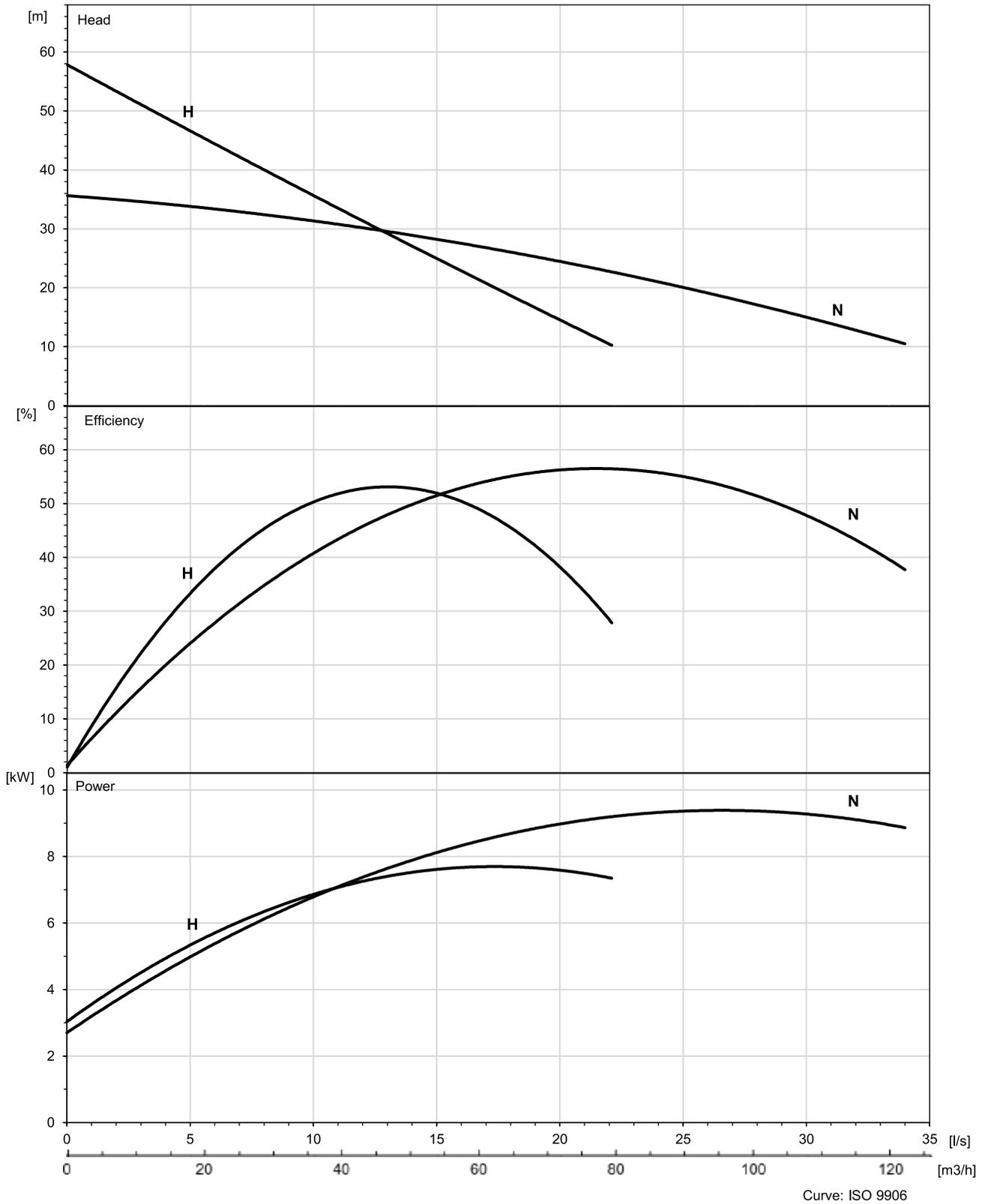
MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au





Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

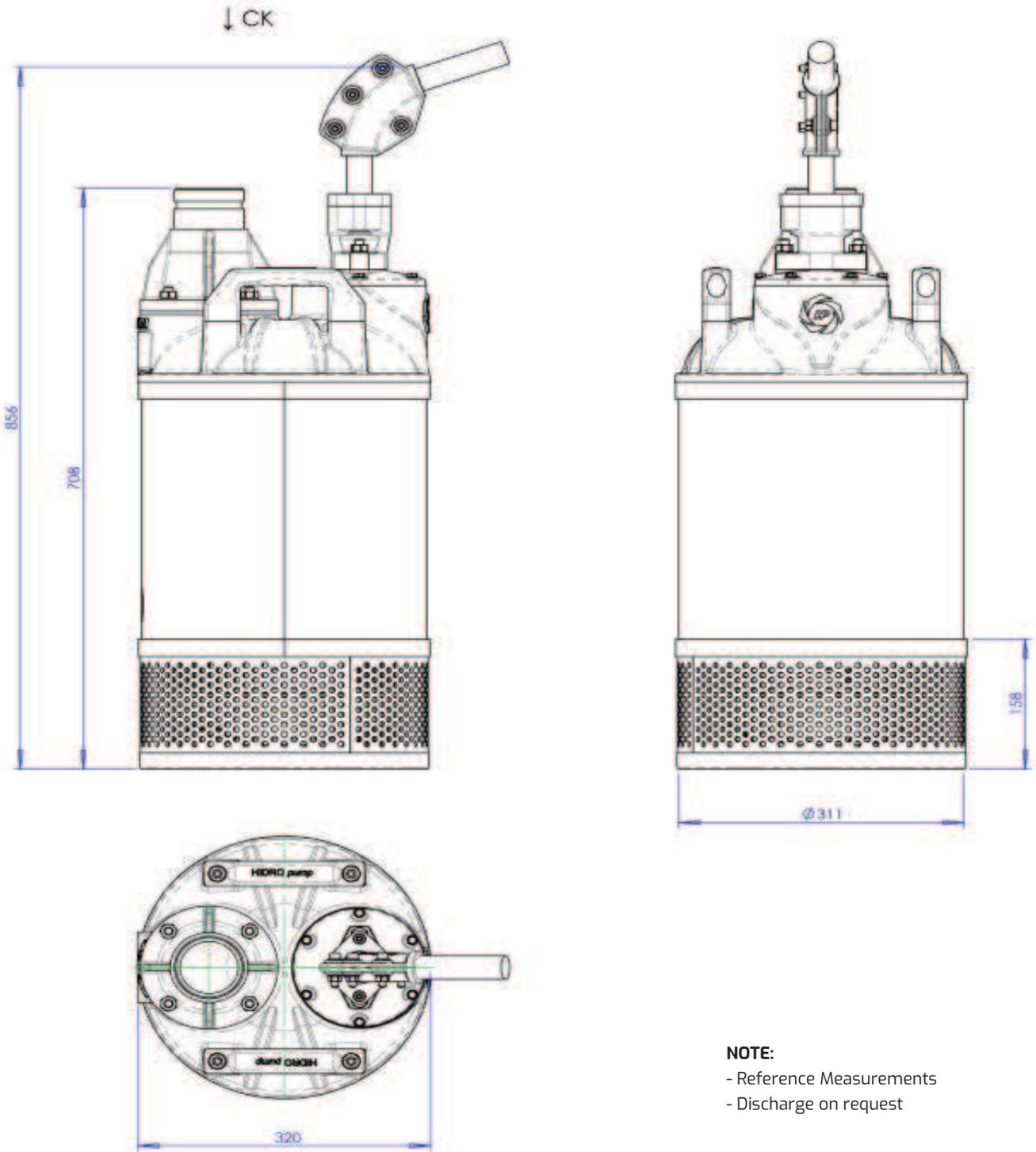
ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



H / N



NOTE:

- Reference Measurements
- Discharge on request

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

www.dowdens.com.au

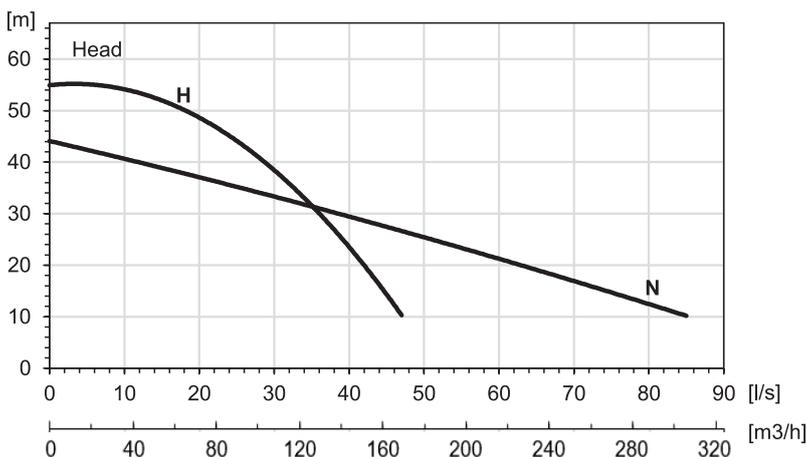
STAINLESS STEEL



*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	1000	1000
Nominal current, A	18.9	18.9
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

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

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.

*Specifications are subject to change without notice.

Contact Your Local Dowdens Account Manager

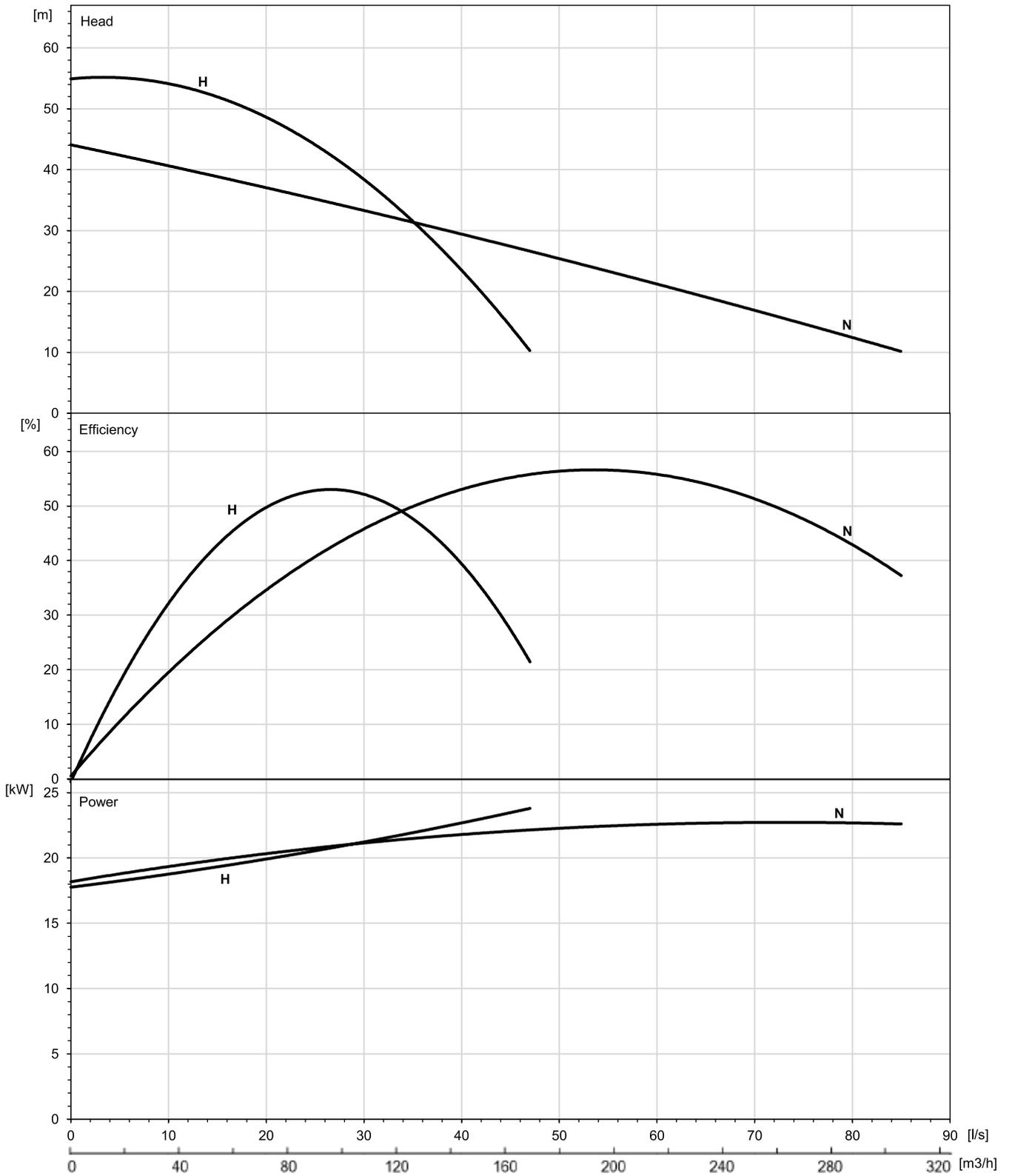
MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au





Curve: ISO 9906

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
 9-15 Industrial St, Mackay Qld 4740
 Phone: 07 4969 4949 Fax: 07 4969 4900
 info@dowdens.com.au

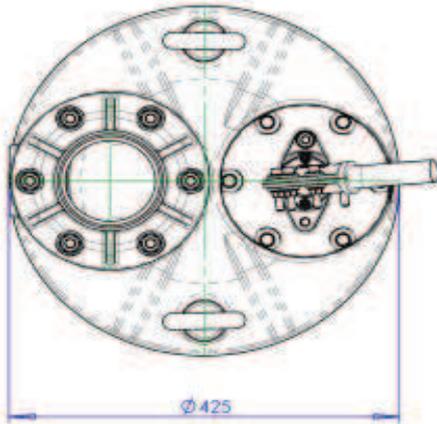
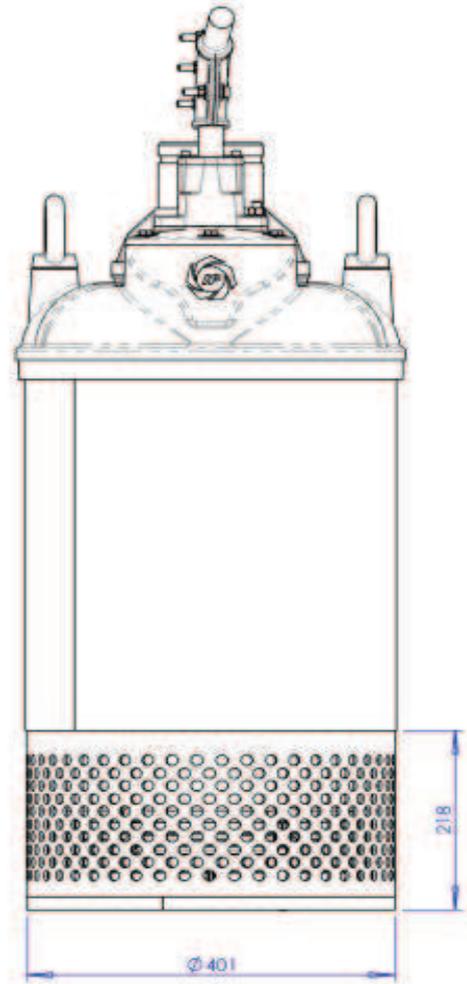
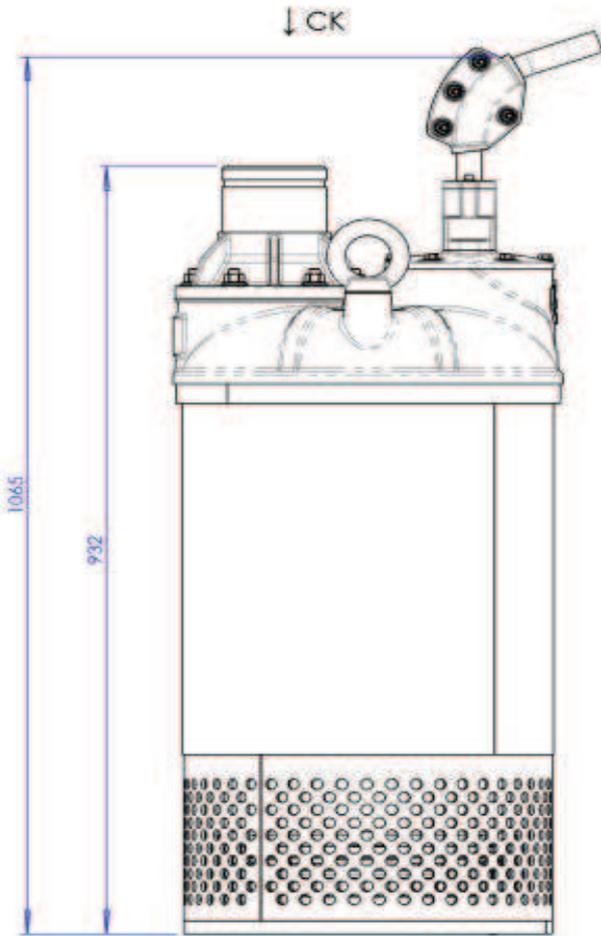
ROCKHAMPTON
 4/415 Yaamba Rd, Rockhampton Qld 4701
 Phone: 07 4923 6969 Fax: 07 4923 6900
 info@dowdens.com.au

BRISBANE
 45 Fulcrum St, Richlands Qld 4077
 Phone: 07 3828 7000 Fax: 07 3828 7055
 brisbane@dowdens.com.au

PROSERPINE
 2 Mann St, Proserpine Qld 4800
 Phone 07 4969 4940 Fax 07 4969 4900
 info@dowdens.com.au



H / N



VIEW CK

NOTE:
 - Reference Measurements
 - Discharge on request

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
 9-15 Industrial St, Mackay Qld 4740
 Phone: 07 4969 4949 Fax: 07 4969 4900
 info@dowdens.com.au

ROCKHAMPTON
 4/415 Yaamba Rd, Rockhampton Qld 4701
 Phone: 07 4923 6969 Fax: 07 4923 6900
 info@dowdens.com.au

BRISBANE
 45 Fulcrum St, Richlands Qld 4077
 Phone: 07 3828 7000 Fax: 07 3828 7055
 brisbane@dowdens.com.au

PROSERPINE
 2 Mann St, Proserpine Qld 4800
 Phone 07 4969 4940 Fax 07 4969 4900
 info@dowdens.com.au



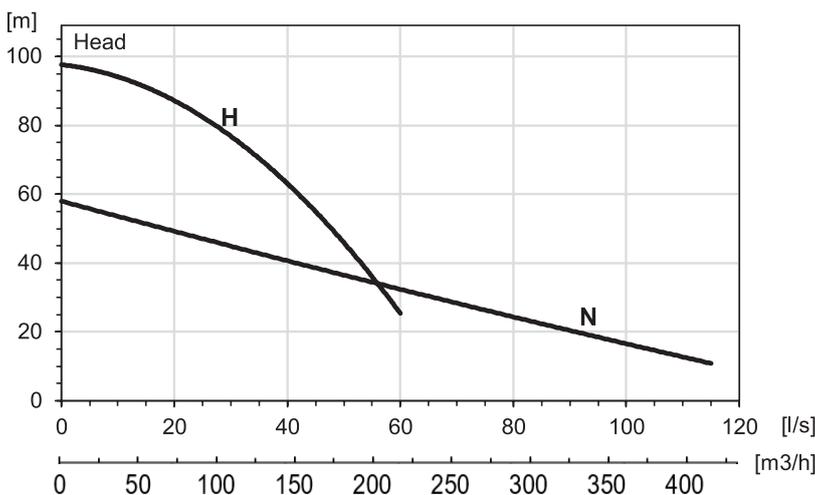
STAINLESS STEEL



*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	1000	1000
Nominal current, A	32.9	32.9
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 + 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: 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.

Contact Your Local Dowdens Account Manager

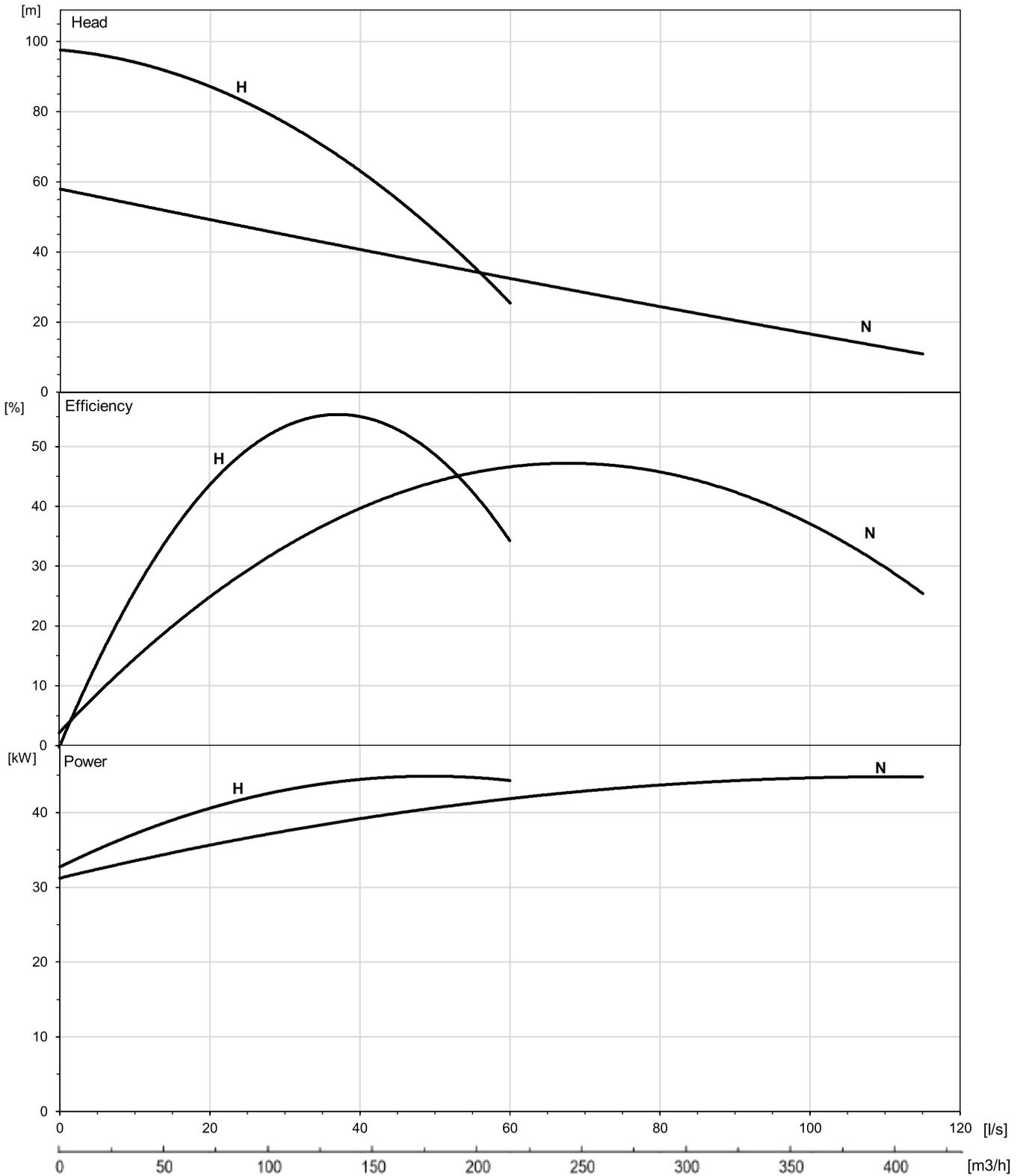
MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au





Curve : ISO 9906

Contact Your Local Dowdens Account Manager

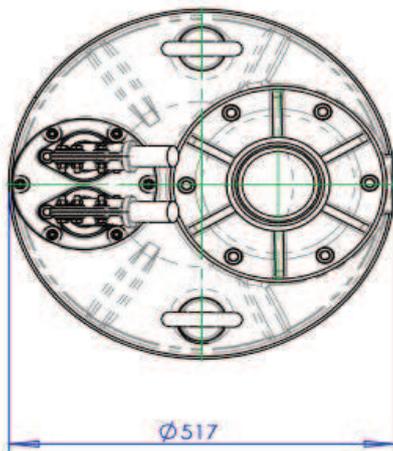
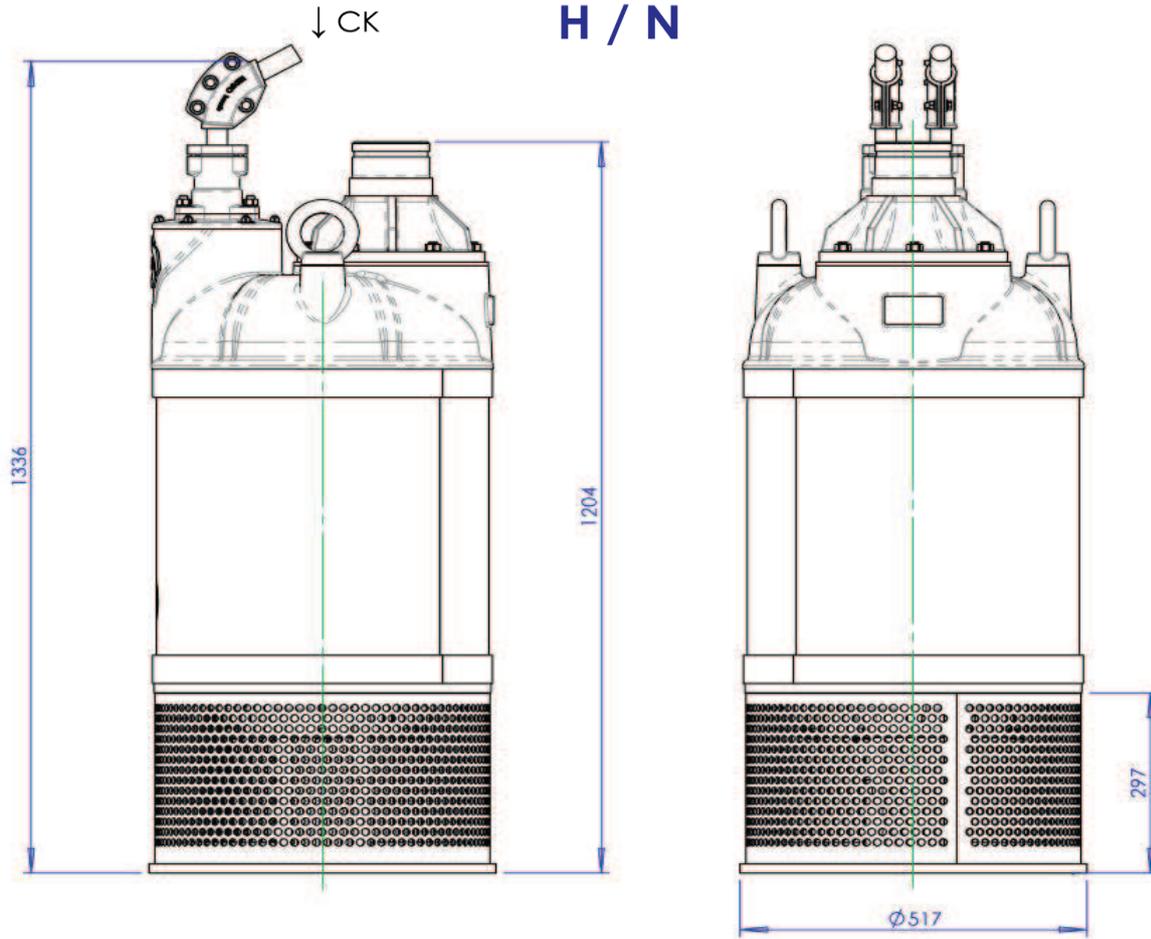
MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au





VIEW CK

NOTE:

- Reference Measurements
- Discharge on request

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)

9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON

4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE

45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE

2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



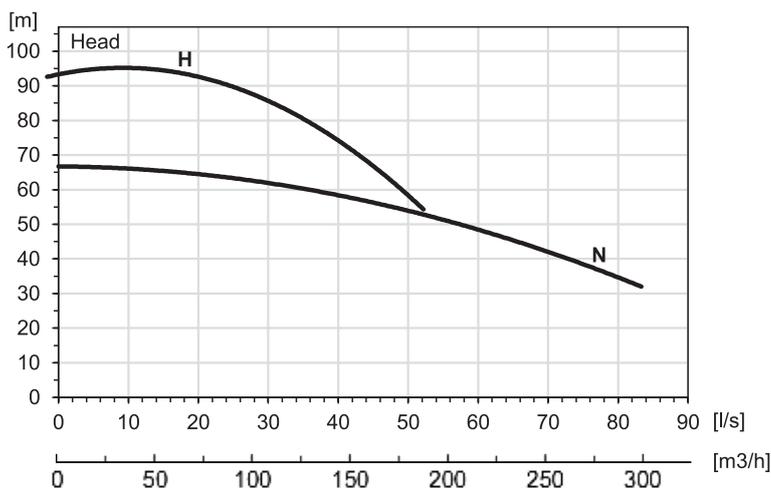
STAINLESS STEEL



*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	1000	1000
Nominal current, A	33	33
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
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

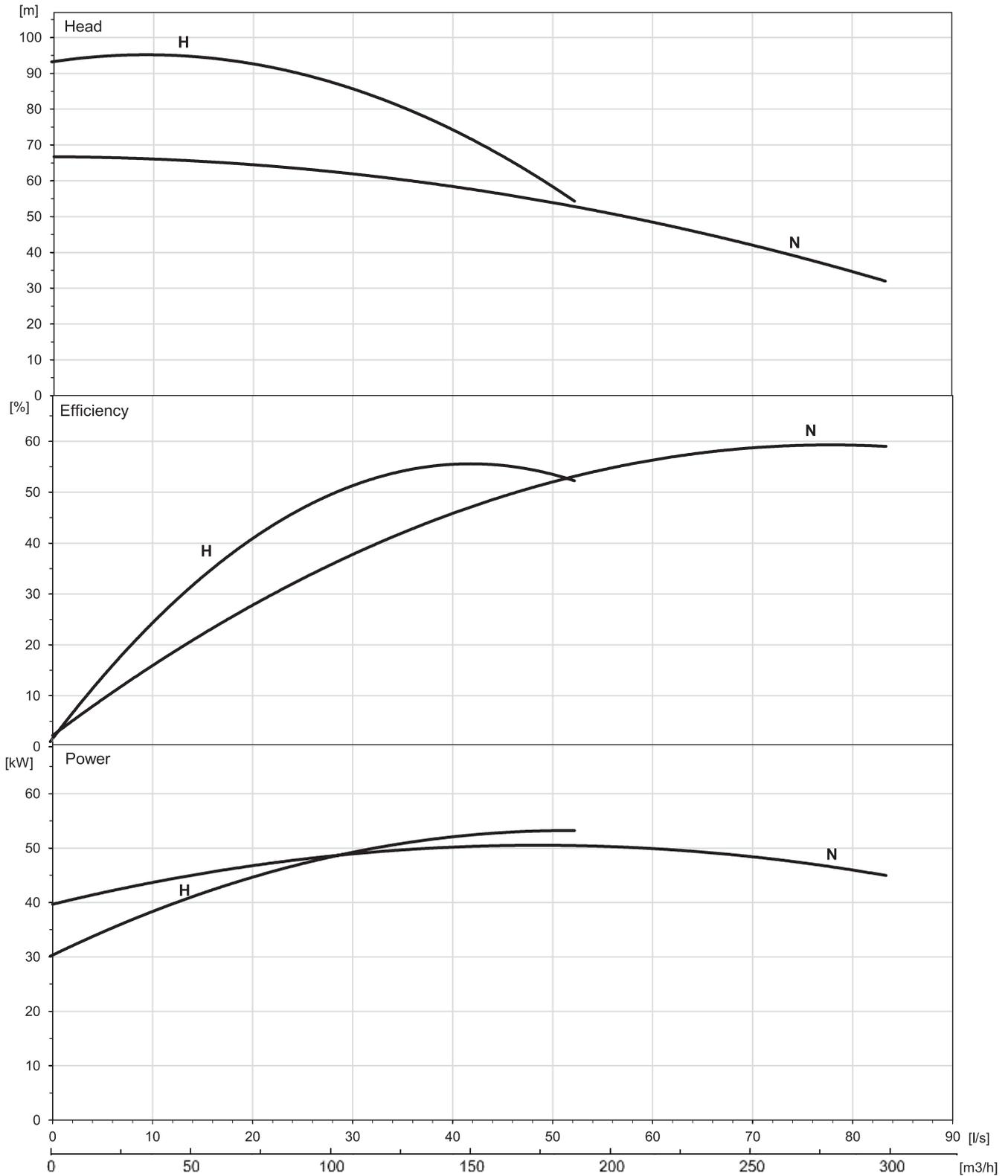
MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au





Curve: ISO 9906

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

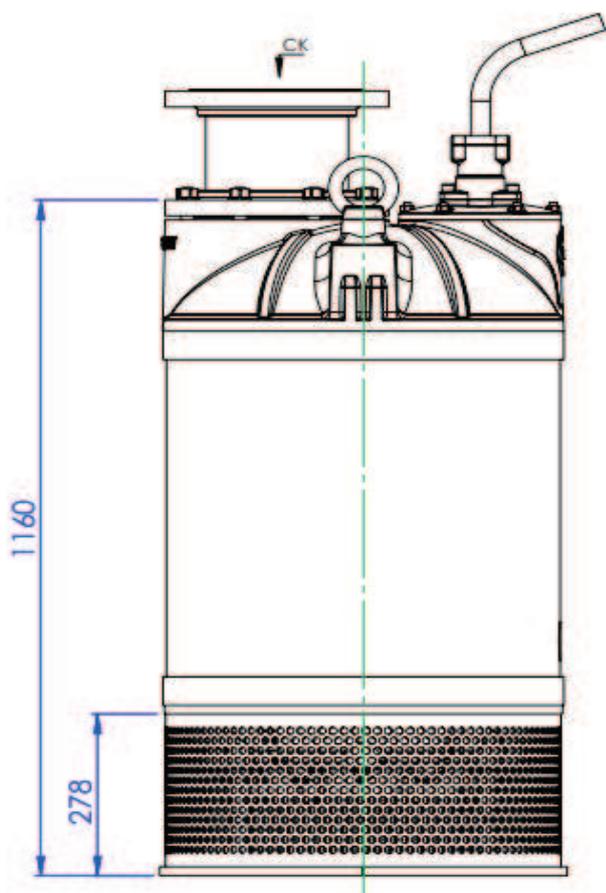
ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

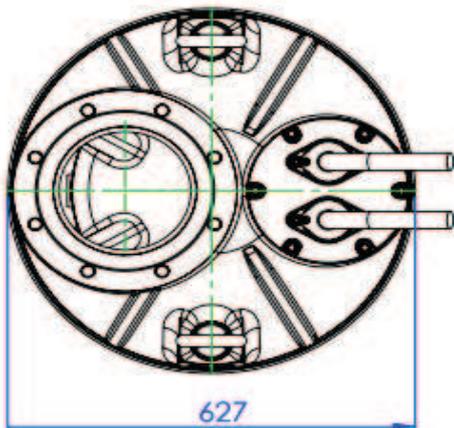
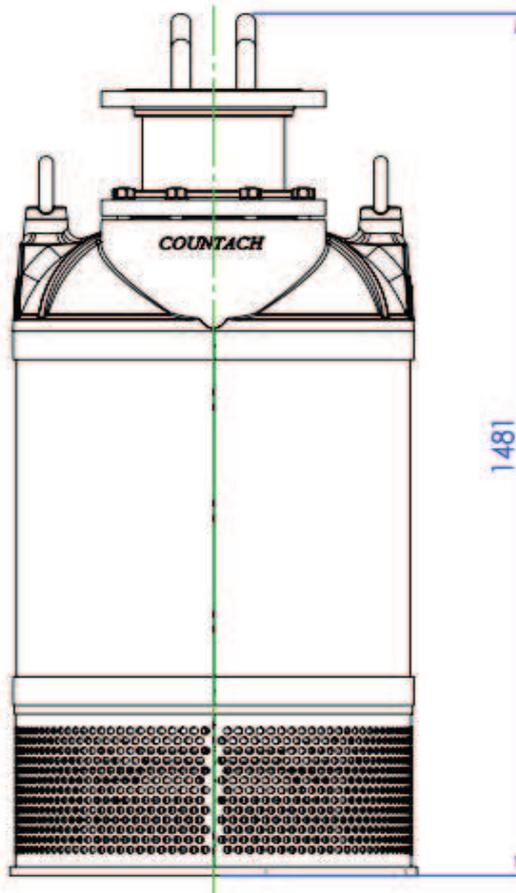
PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



H/N



VIEW CK



NOTE:

- Reference Measurements
- Discharge on request

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)

9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON

4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE

45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE

2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



www.dowdens.com.au

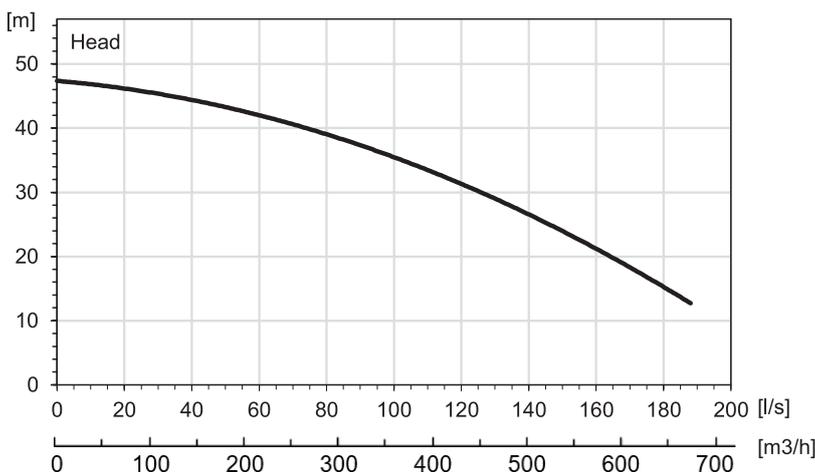
STAINLESS STEEL



* 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]	60 / 80
Voltage, V	1000
Nominal current, A	52
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 + 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

Upper: 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.

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)

9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON

4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

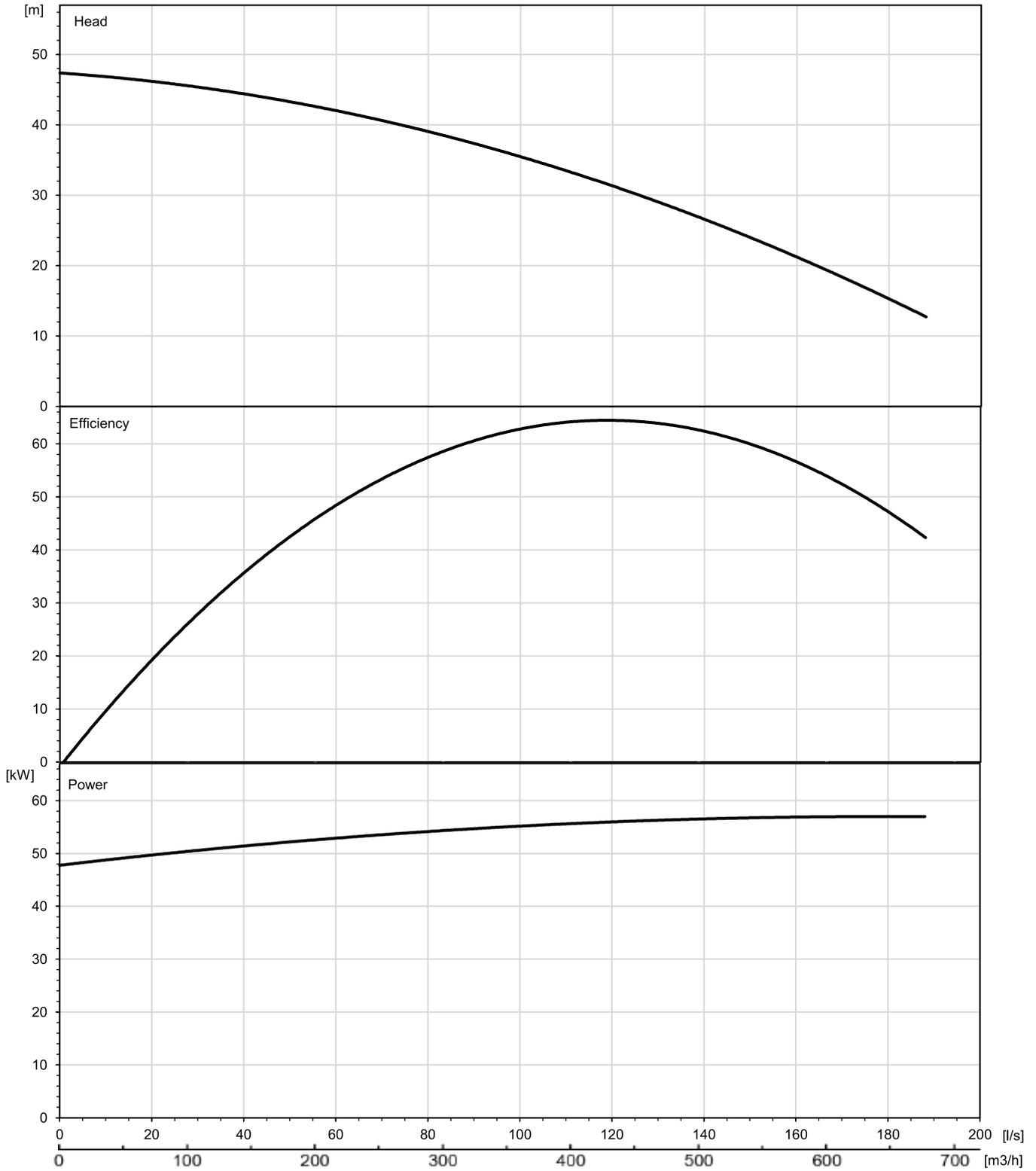
BRISBANE

45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE

2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au





Curve: ISO 9906

Contact Your Local Dowdens Account Manager

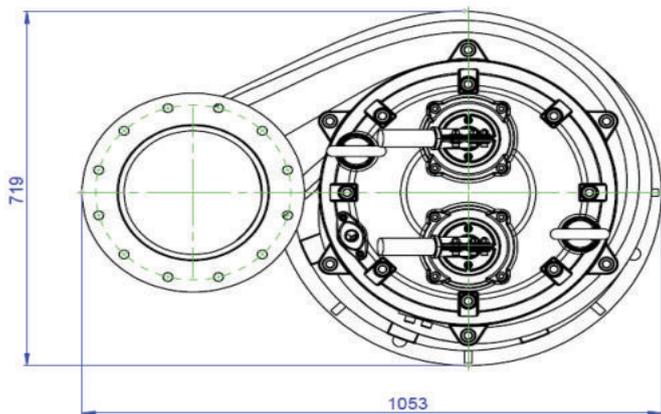
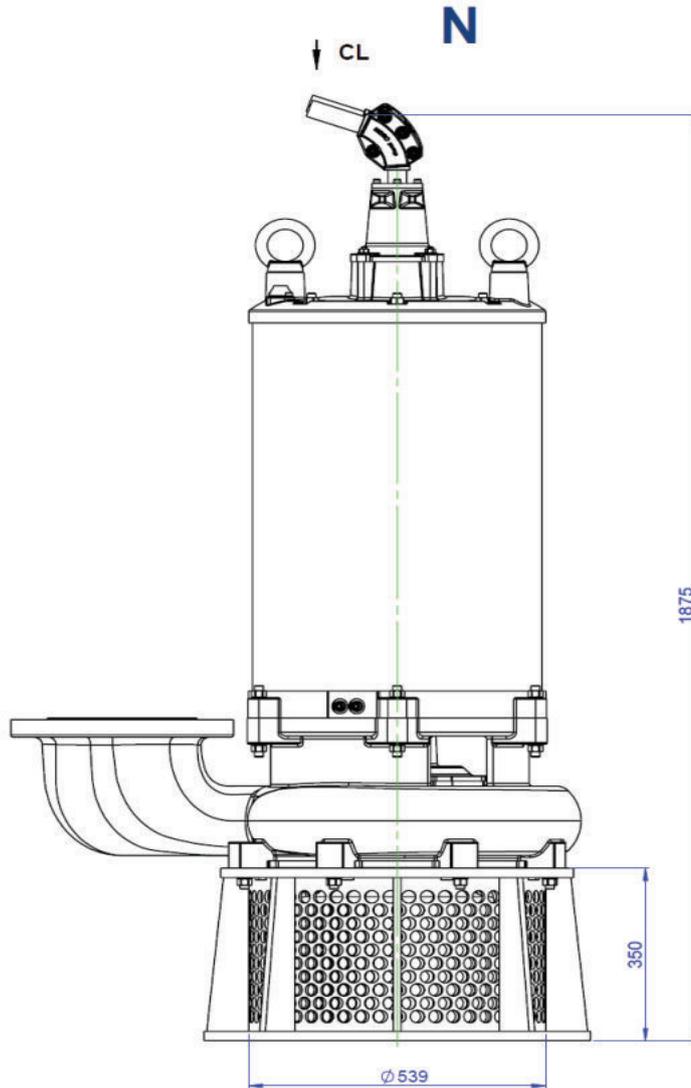
MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au





VIEW CL

NOTE:

- Reference Measurements
- Discharge on request

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)

9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON

4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE

45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE

2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

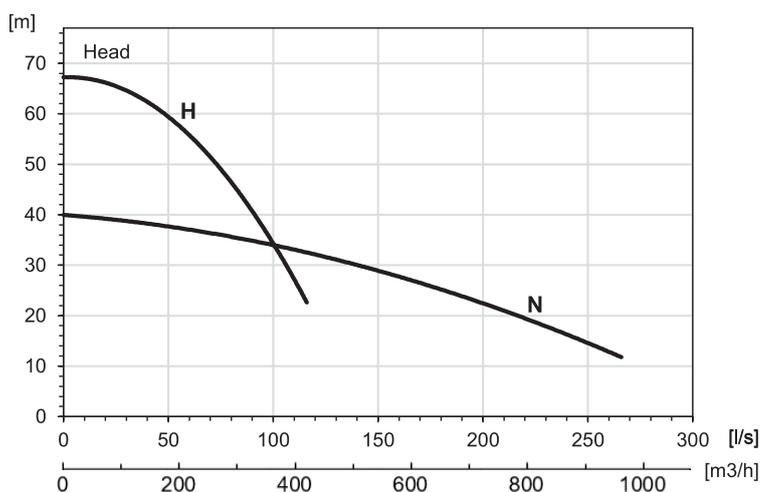
www.dowdens.com.au

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	1000	1000
Nominal current, A	62.7	62.7
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 seal material: Silicon carbide
Elastomers: Viton

Bearings

Lower: Double row ball bearing C3
Upper: 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
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.

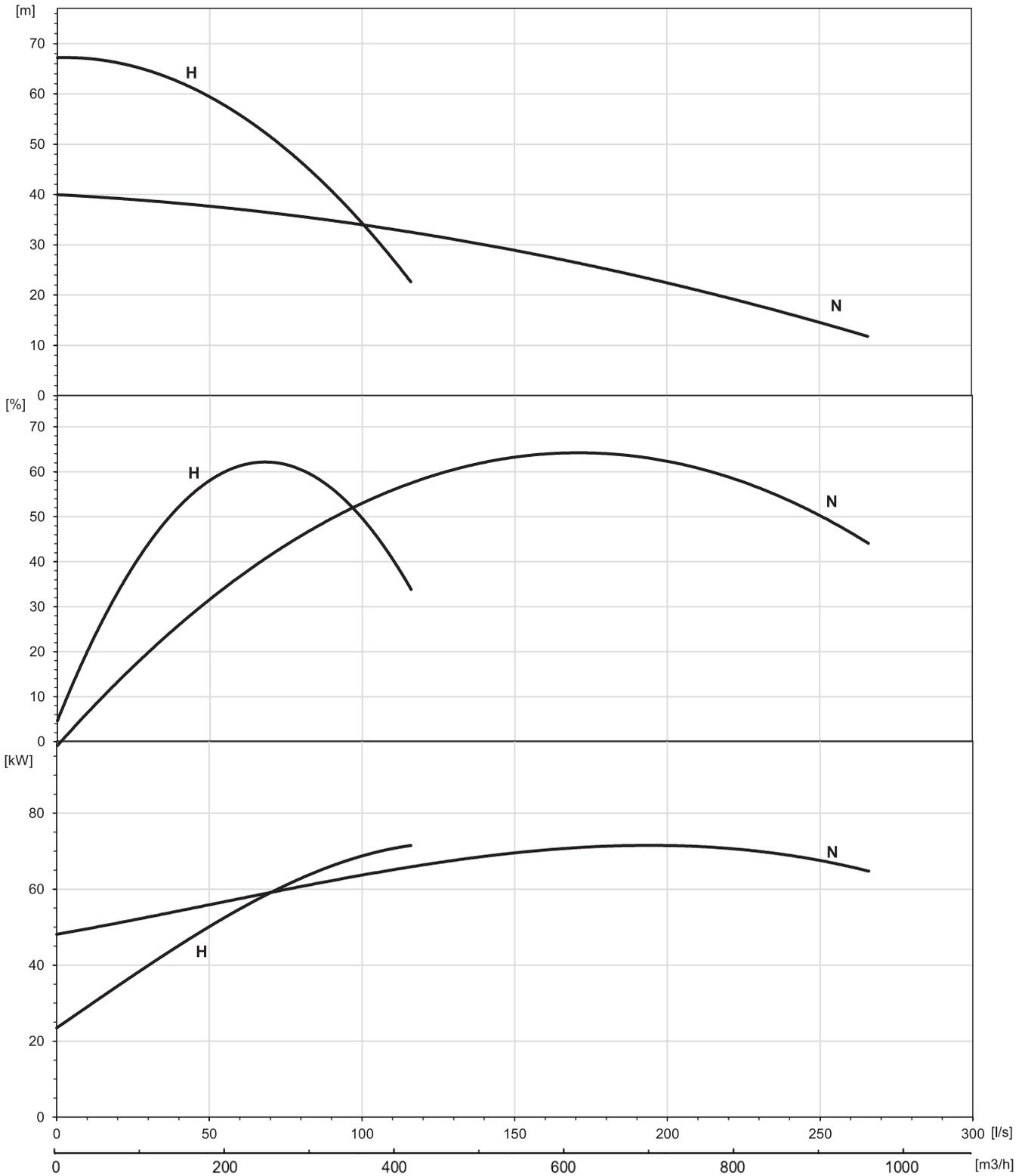
Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



Curve: ISO 9906

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
 9-15 Industrial St, Mackay Qld 4740
 Phone: 07 4969 4949 Fax: 07 4969 4900
 info@dowdens.com.au

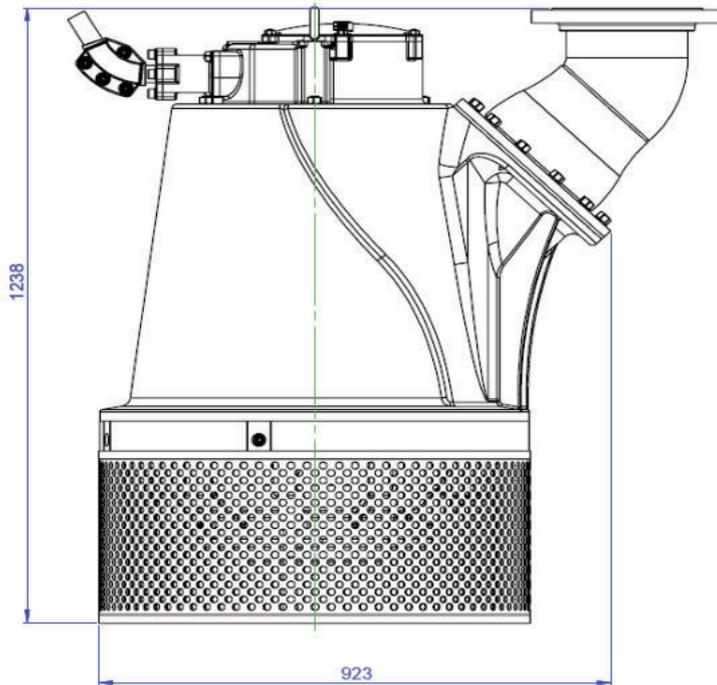
ROCKHAMPTON
 4/415 Yaamba Rd, Rockhampton Qld 4701
 Phone: 07 4923 6969 Fax: 07 4923 6900
 info@dowdens.com.au

BRISBANE
 45 Fulcrum St, Richlands Qld 4077
 Phone: 07 3828 7000 Fax: 07 3828 7055
 brisbane@dowdens.com.au

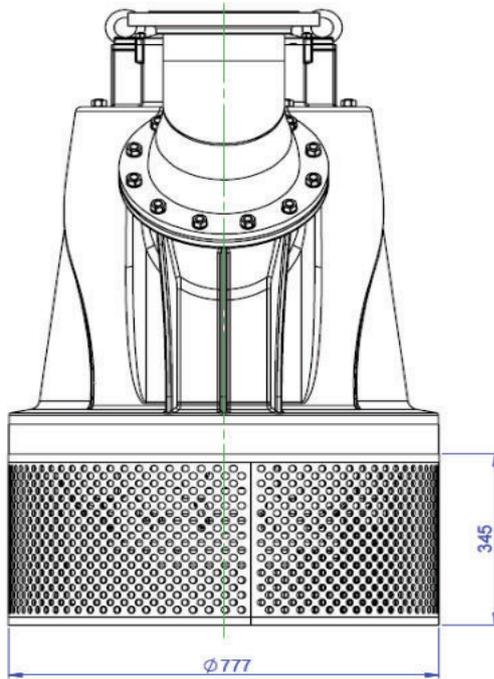
PROSERPINE
 2 Mann St, Proserpine Qld 4800
 Phone 07 4969 4940 Fax 07 4969 4900
 info@dowdens.com.au



H / N



CN
↑



VIEW CN

NOTE:

- Reference Measurements
- Discharge on request

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)

9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON

4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE

45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE

2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au



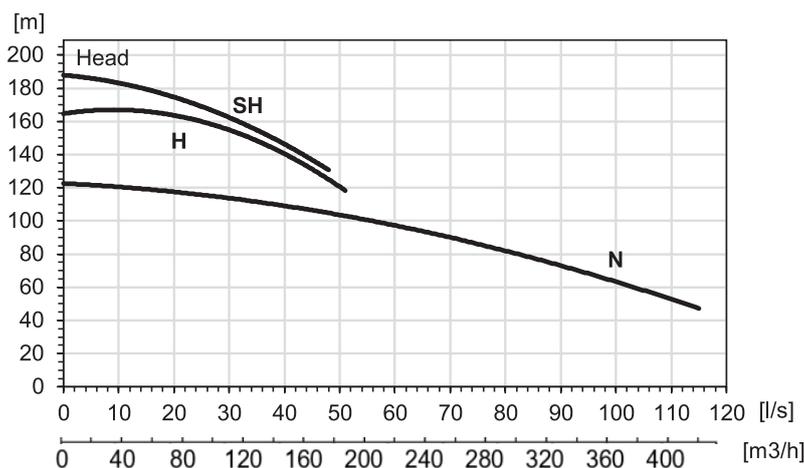
STAINLESS STEEL



*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	1000	1000	1000
Nominal current, A	77	77	77
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⁽¹⁾

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. ⁽¹⁾

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
Shaft: AISI 431 Stainless steel
Screws/Nuts: Stainless steel

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

⁽¹⁾Specifications are subject to change without notice.

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

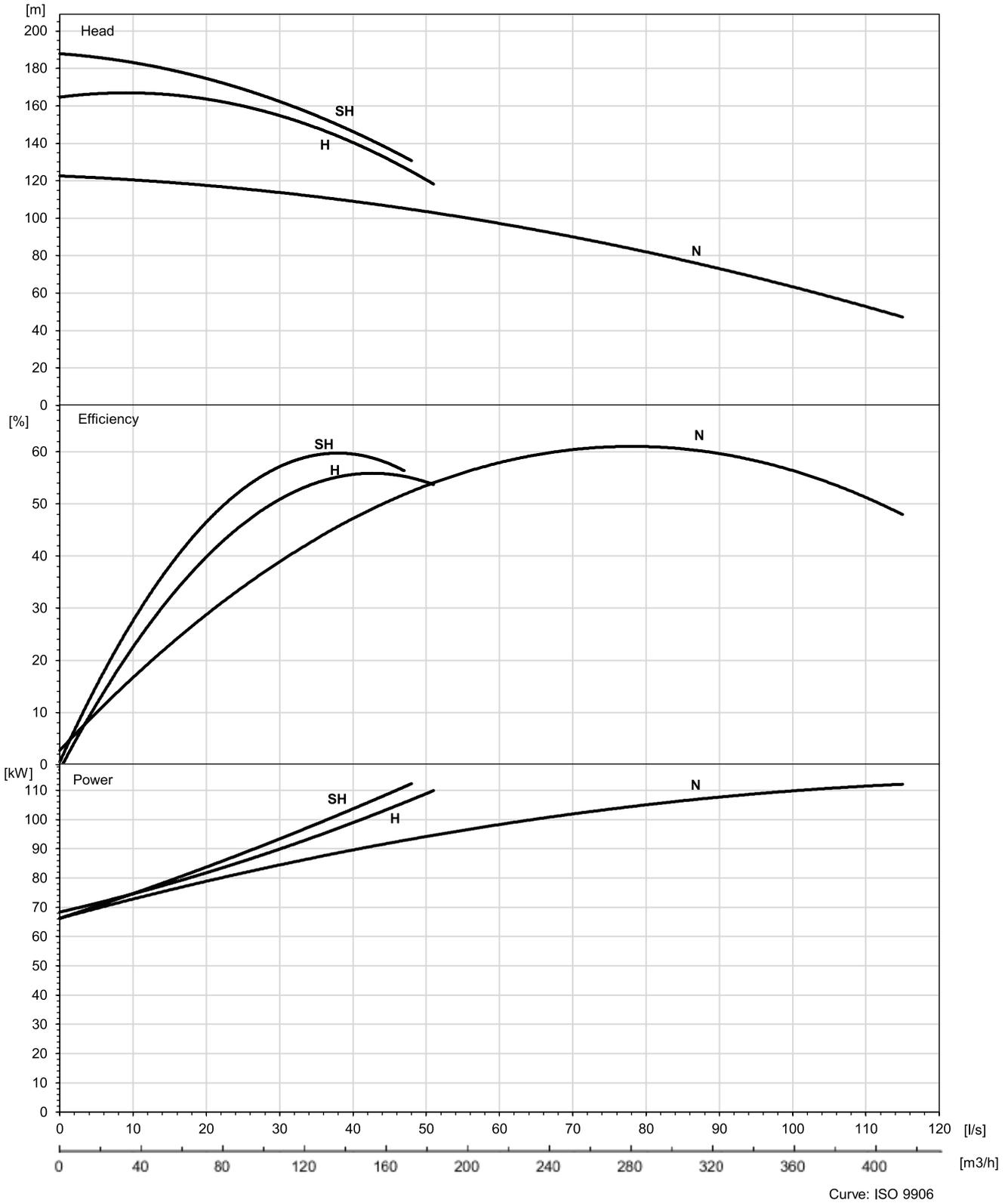
ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au

Making water work for you

www.dowdens.com.au



Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
 9-15 Industrial St, Mackay Qld 4740
 Phone: 07 4969 4949 Fax: 07 4969 4900
 info@dowdens.com.au

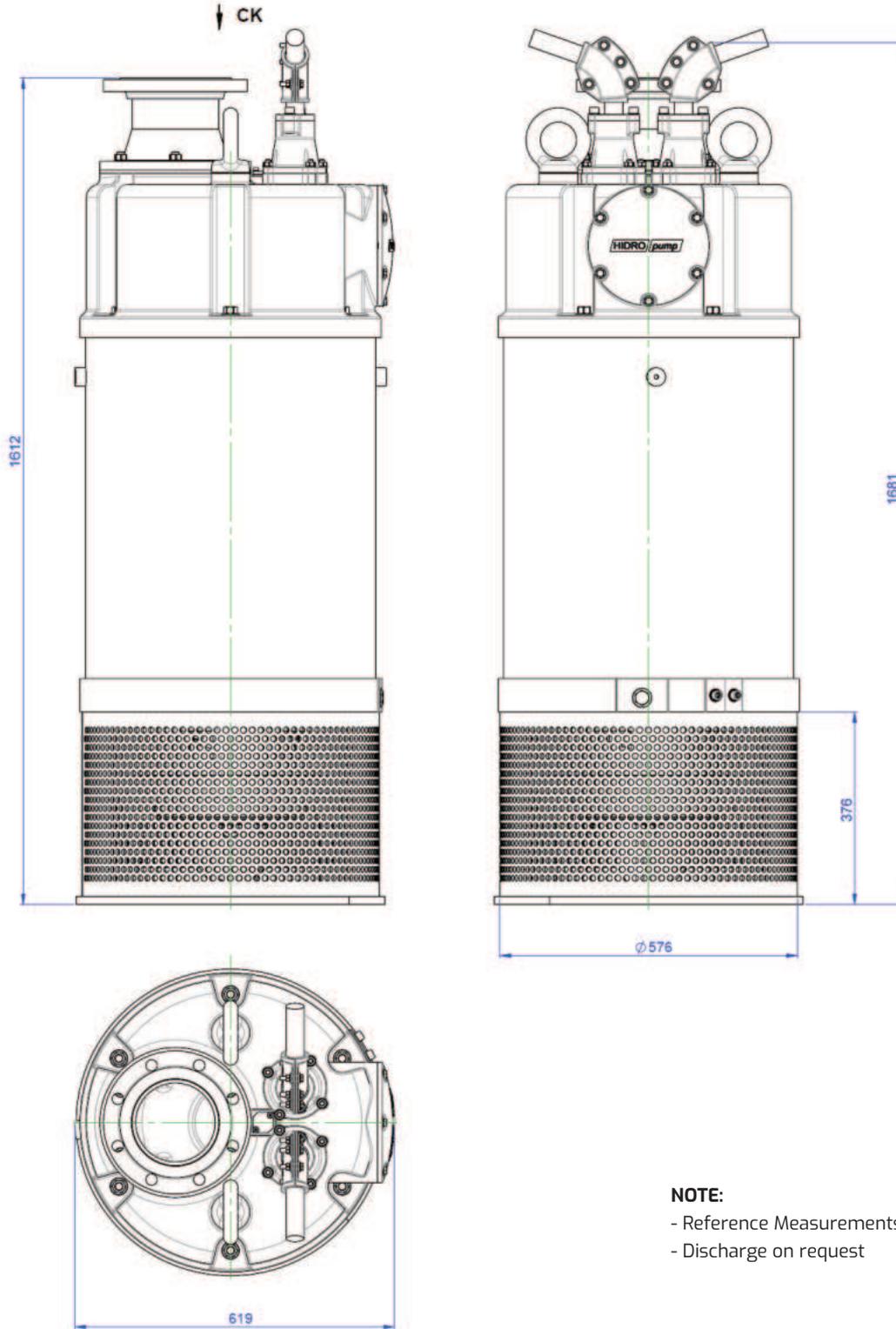
ROCKHAMPTON
 4/415 Yaamba Rd, Rockhampton Qld 4701
 Phone: 07 4923 6969 Fax: 07 4923 6900
 info@dowdens.com.au

BRISBANE
 45 Fulcrum St, Richlands Qld 4077
 Phone: 07 3828 7000 Fax: 07 3828 7055
 brisbane@dowdens.com.au

PROSERPINE
 2 Mann St, Proserpine Qld 4800
 Phone 07 4969 4940 Fax 07 4969 4900
 info@dowdens.com.au



H / N



VIEW CK

NOTE:
 - Reference Measurements
 - Discharge on request

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
 9-15 Industrial St, Mackay Qld 4740
 Phone: 07 4969 4949 Fax: 07 4969 4900
 info@dowdens.com.au

ROCKHAMPTON
 4/415 Yaamba Rd, Rockhampton Qld 4701
 Phone: 07 4923 6969 Fax: 07 4923 6900
 info@dowdens.com.au

BRISBANE
 45 Fulcrum St, Richlands Qld 4077
 Phone: 07 3828 7000 Fax: 07 3828 7055
 brisbane@dowdens.com.au

PROSERPINE
 2 Mann St, Proserpine Qld 4800
 Phone 07 4969 4940 Fax 07 4969 4900
 info@dowdens.com.au



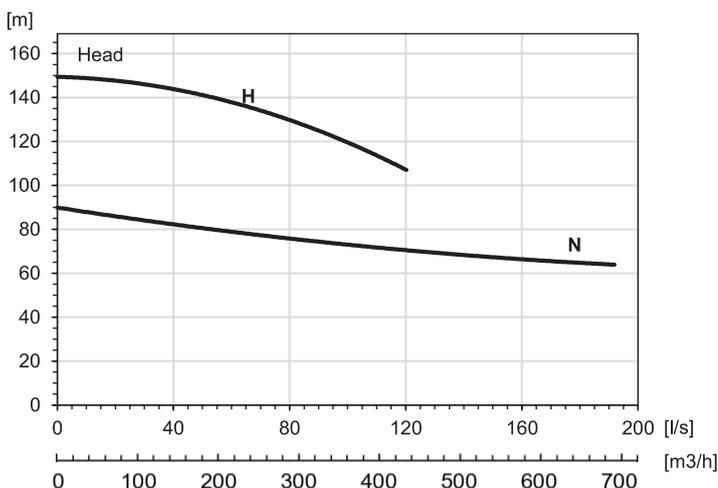
STAINLESS STEEL



*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	1000	1000
Nominal current, A	134	134
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

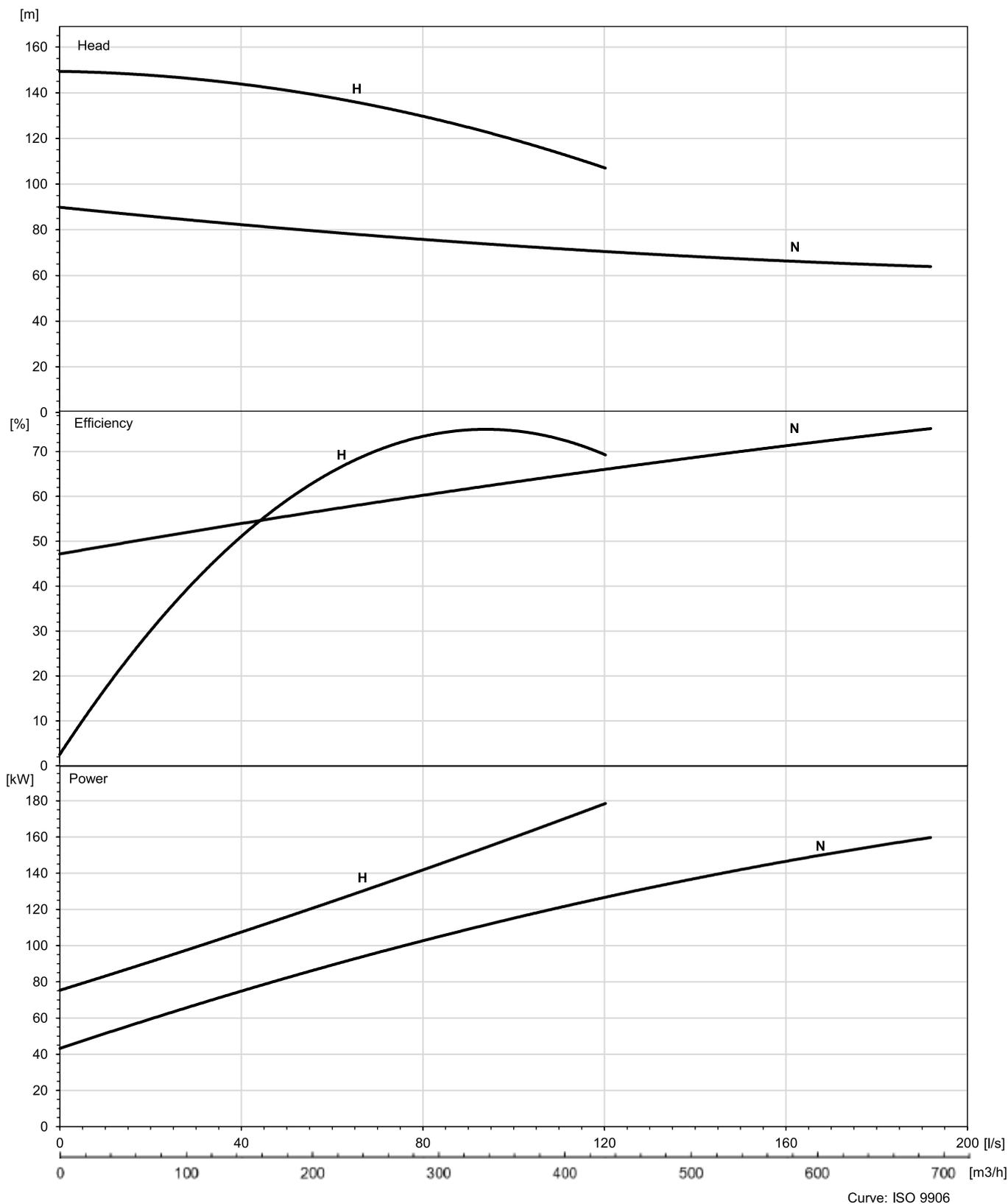
MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au





Contact Your Local Dowdens Account Manager

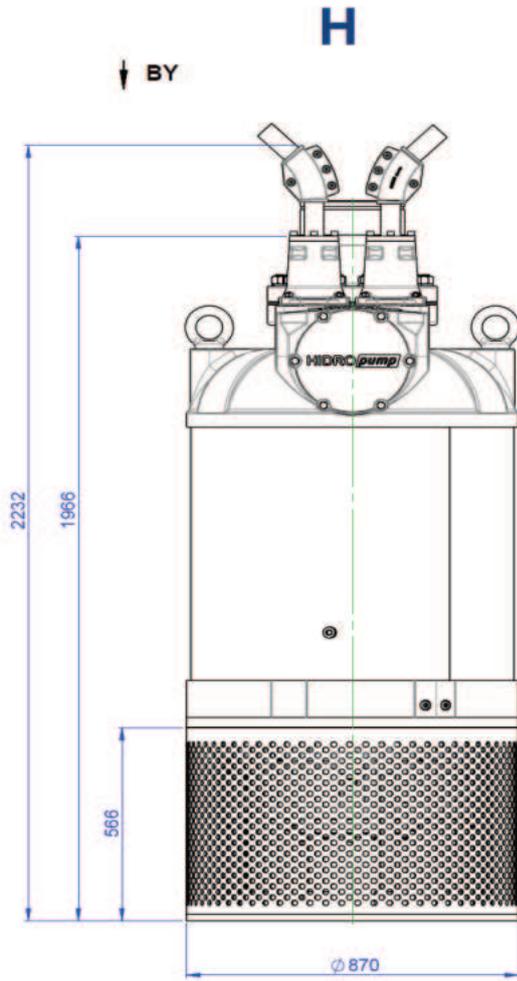
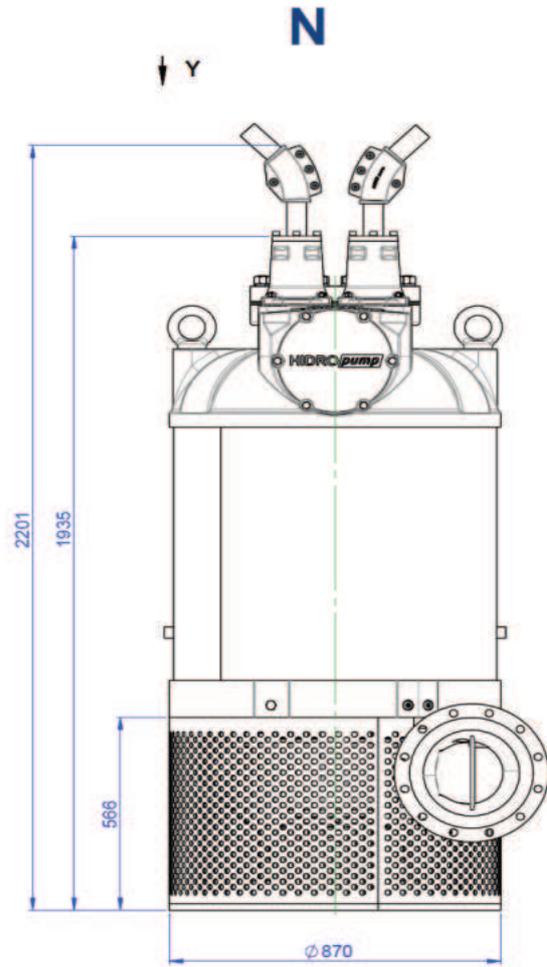
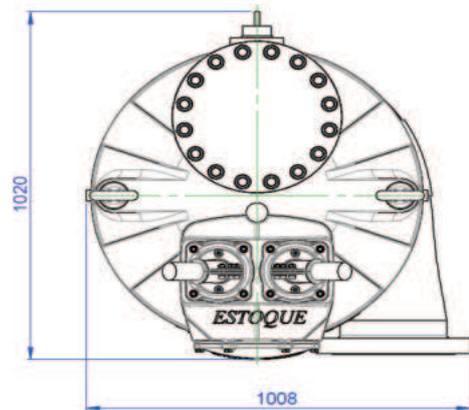
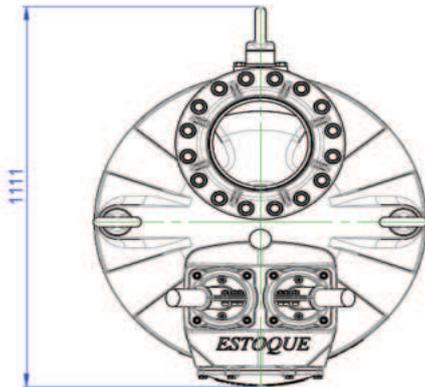
MACKAY (Head Office)
 9-15 Industrial St, Mackay Qld 4740
 Phone: 07 4969 4949 Fax: 07 4969 4900
 info@dowdens.com.au

ROCKHAMPTON
 4/415 Yaamba Rd, Rockhampton Qld 4701
 Phone: 07 4923 6969 Fax: 07 4923 6900
 info@dowdens.com.au

BRISBANE
 45 Fulcrum St, Richlands Qld 4077
 Phone: 07 3828 7000 Fax: 07 3828 7055
 brisbane@dowdens.com.au

PROSERPINE
 2 Mann St, Proserpine Qld 4800
 Phone 07 4969 4940 Fax 07 4969 4900
 info@dowdens.com.au



**VIEW CE****VIEW Y****NOTE:**

- Reference Measurements
- Discharge on request

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)

9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON

4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE

45 Fulcrum St, Richlands Qld 4077
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE

2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax: 07 4969 4900
info@dowdens.com.au

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

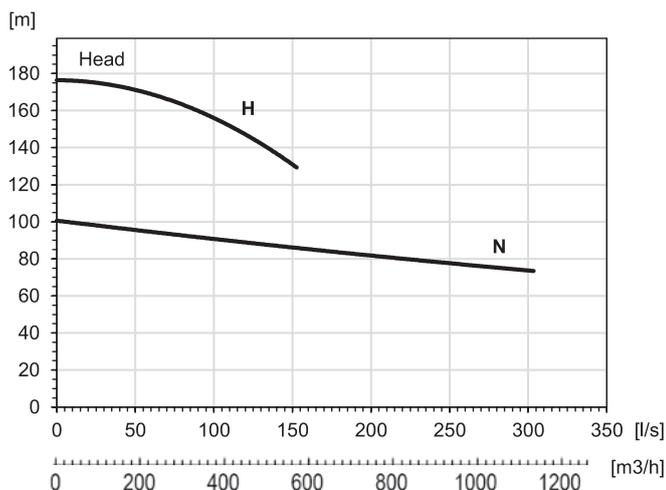
www.dowdens.com.au

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	1000	1000
Nominal current, A	243	243
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 4x 350kcmil 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: 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
MACKAY (Head Office)

9-15 Industrial St, Mackay Qld 4740
 Phone: 07 4969 4949 Fax: 07 4969 4900
 info@dowdens.com.au

ROCKHAMPTON

4/415 Yaamba Rd, Rockhampton Qld 4701
 Phone: 07 4923 6969 Fax: 07 4923 6900
 info@dowdens.com.au

BRISBANE

45 Fulcrum St, Richlands Qld 4077
 Phone: 07 3828 7000 Fax: 07 3828 7055
 brisbane@dowdens.com.au

PROSERPINE

2 Mann St, Proserpine Qld 4800
 Phone 07 4969 4940 Fax 07 4969 4900
 info@dowdens.com.au



Email: info@dowdens.com.au
dowdens.com.au/brands/hidro-pump



hidropump.com