

HIDRO PUMP CATALOGUE

HIGH HEAD PRESURE DEWATERING PUMPS 1000 VOLTS

50 Hz

STAINLESS STEEL

STANDARD



DEWATERING HIGH HEAD 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

STAINLESS STEEL

Dewatering High Head Pumps

Power: 1.5kW / 2hp to 167kW / 225hp

Flow: 12l/s up to 50l/s

Height: 80m up to 300m

Voltage: 1000v



Espada
HH15

Diablo
HH26

Gallardo
HH60

Lanzador
HP225

STANDARD

Dewatering High Head Pumps

Power: 1.5kW / 2hp to 167kW / 225hp

Flow: 12l/s up to 50l/s

Height: 80m up to 300m

Voltage: 1000v



Espada
HH15

Diablo
HH26

Gallardo
HH60

Lanzador
HP225

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

D

DIABLO HH35 SS 1000V	5
DIABLO HH35 STD 1000V	9

E

ESPADA HH15 SS 1000V	4
ESPADA HH15 STD 1000V	8

G

GALLARDO HH60 SS 1000V	6
GALLARDO HH60 STD 1000V	10

L

LANZADOR HP225 SS 1000V	7
LANZADOR HP225 STD 1000V	11

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



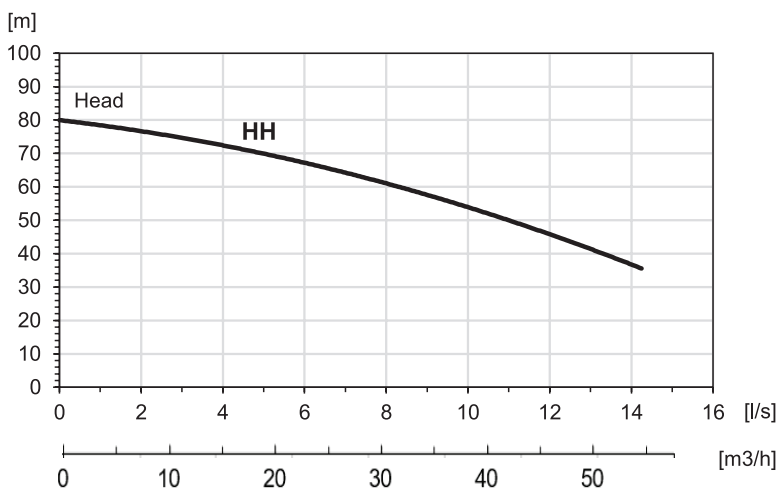
www.dowdens.com.au

STAINLESS STEEL



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	HH
Power, [kW / HP]	11 / 15
Voltage, V	1000
Nominal current, A	7.9
Weight, kg	120
Max. height, mm	917
Max. width, mm	342
Discharge, in.	3"
Strainer opening Ø, mm	7



Models

HH: Maximum 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 water and oil chamber.

Rotary seal material: Silicon carbide

Stationary seal material: Silicon carbide

Elastomers: Viton

Bearings

Deep groove ball bearing C3.

Discharge connection

3" HH ^(*)

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

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

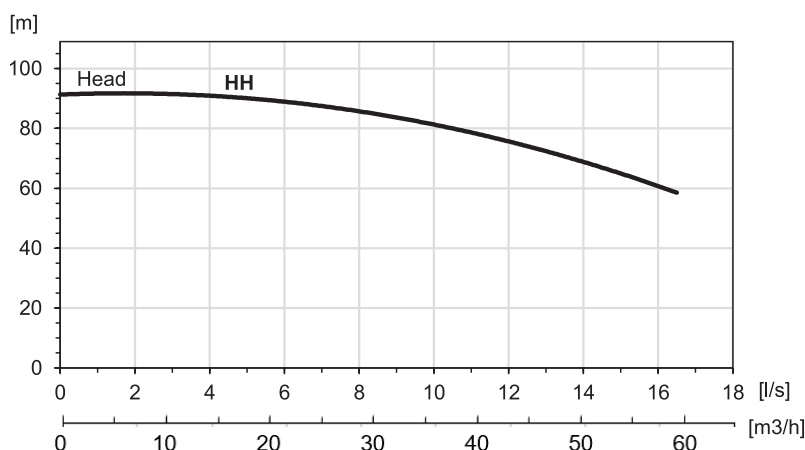
www.dowdens.com.au

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	HH
Power, [kW / HP]	19 / 26
Voltage, V	1000
Nominal current, A	14.2
Weight, kg	320
Max. height, mm	1234
Max. width, mm	461
Discharge, in.	4"
Strainer opening Ø, mm	12

**Models**

HH: Maximum 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 water and oil 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" HH ^(*)

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

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

www.dowdens.com.au

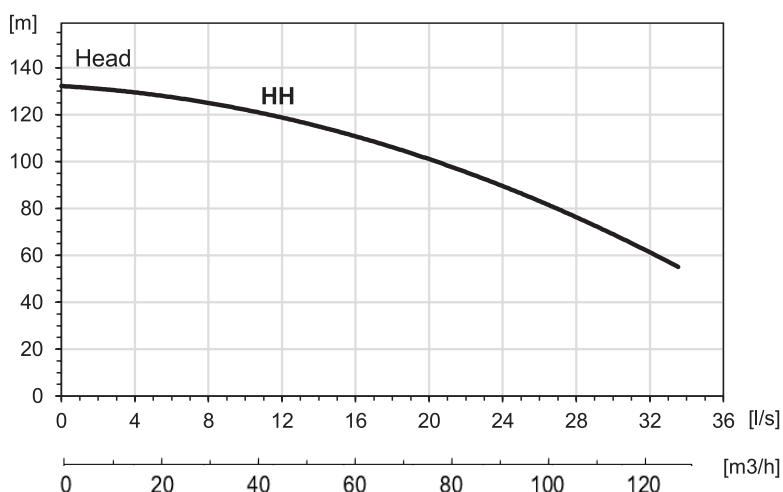
STAINLESS STEEL



*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	HH
Power, [kW / HP]	45 / 60
Voltage, V	1000
Nominal current, A	32.9
Weight, kg	385
Max. height, mm	1358
Max. width, mm	533
Discharge, in.	4"
Strainer opening Ø, mm	12

**Models**

HH: Maximum 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 + 2x1.5mm², 20m^(*)

Direct: 1 Cable 4Gx25mm² + 2x1.5mm², 20m^(*)

Mechanical seals

Double mechanical seal in water and oil 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

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

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

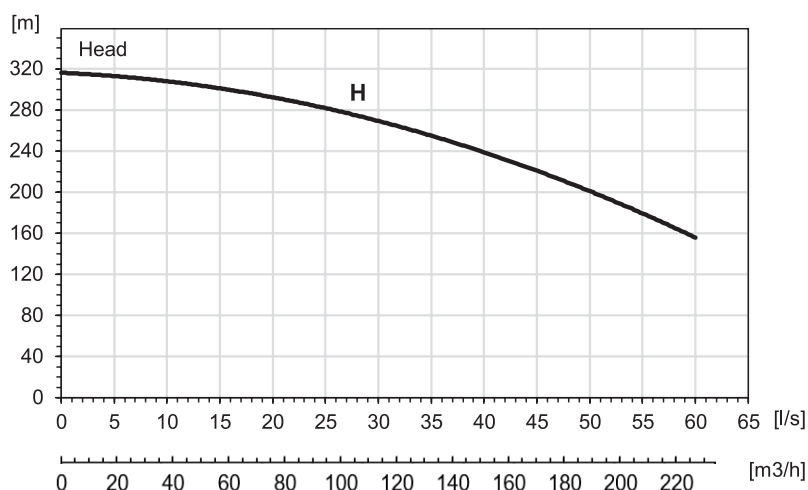
www.dowdens.com.au

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
Power, [kW / HP]	167 / 225
Voltage, V	1000
Nominal current, A	114
Weight, kg	1560
Max. height, mm	1525
Max. width, mm	712
Discharge, in.	6"
Strainer opening Ø, mm	12


Models

H: 3 Stage 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

4Gx50mm² + 2x1.5mm², 20m^(*)

Mechanical seals

Double mechanical seal in water and oil chamber.

Rotary seal material: Silicon carbide

Stationary seal material: Silicon carbide

Elastomers: Viton

Bearings

Upper: 2 Angular contact bearings

Lower: Cylindrical roller bearing

Discharge connection

6" H

Limitations

Maximum submersion: 20m

Maximum liquid temperature: 40°C

Liquid pH range: 2 - 11

Available materials

Cover: Nodular cast iron ASTM A536

Strainer: Carbon steel ASTM A36

Impeller: High chrome steel ASTM A532 / Stainless Steel AISI 316.

Diffusers: Nodular cast iron ASTM A536

Shaft: Stainless steel AISI 431

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

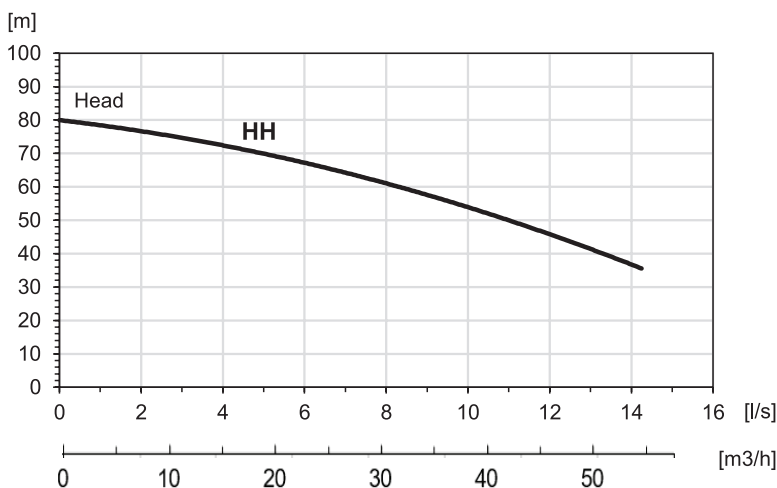
DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

www.dowdens.com.au

STANDARD


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	HH
Power, [kW / HP]	11 / 15
Voltage, V	1000
Nominal current, A	7.9
Weight, kg	97
Max. height, mm	917
Max. width, mm	342
Discharge, in.	3"
Strainer opening Ø, mm	7


Models

HH: Maximum 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 water and oil chamber.

Rotary seal material: Silicon carbide

Stationary seal material: Silicon carbide

Elastomers: Viton

Bearings

Deep groove ball bearing C3.

Discharge connection

3" HH ^(*)

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.

^(*)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

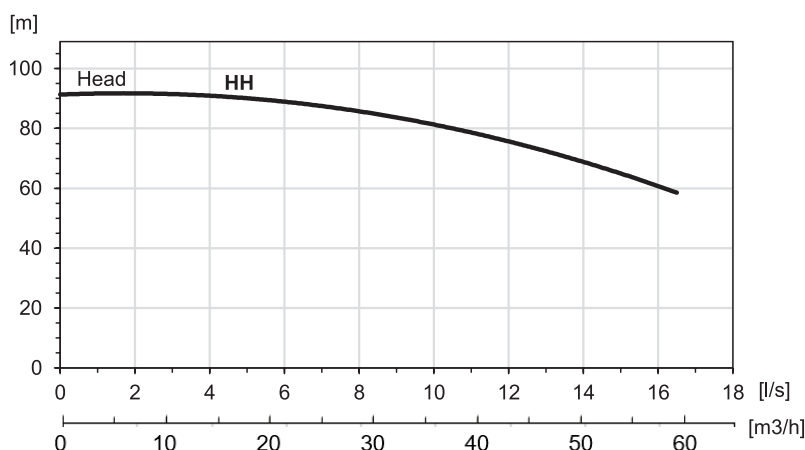
DOWDENS
 PUMPING & WATER TREATMENT
Making water work for you

www.dowdens.com.au

STANDARD


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	HH
Power, [kW / HP]	19 / 26
Voltage, V	1000
Nominal current, A	14.2
Weight, kg	195
Max. height, mm	1234
Max. width, mm	461
Discharge, in.	4"
Strainer opening Ø, mm	12


Models

HH: Maximum 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 water and oil 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" HH ^(*)

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.

^(*)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

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

www.dowdens.com.au

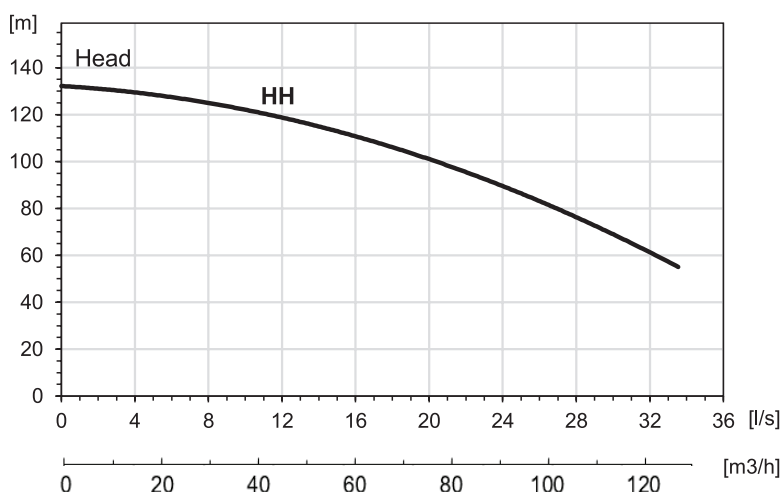
STANDARD



*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	HH
Power, [kW / HP]	45 / 60
Voltage, V	1000
Nominal current, A	32.9
Weight, kg	310
Max. height, mm	1358
Max. width, mm	533
Discharge, in.	4"
Strainer opening Ø, mm	12

**Models**

HH: Maximum 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 + 2x1.5mm², 20m^(*)
Direct: 1 Cable 4Gx25mm² + 2x1.5mm², 20m^(*)

Mechanical seals

Double mechanical seal in water and oil 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

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.

*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

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

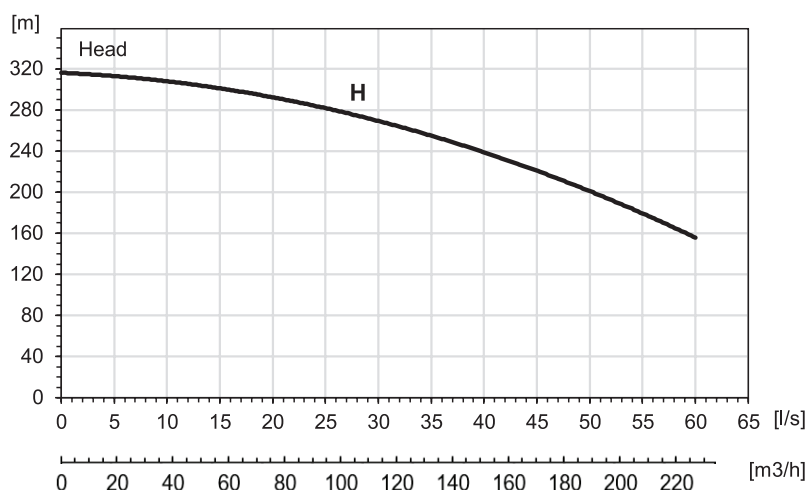
www.dowdens.com.au

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]	167 / 225
Voltage, V	1000
Nominal current, A	114
Weight, kg	1395
Max. height, mm	1525
Max. width, mm	712
Discharge, in.	6"
Strainer opening Ø, mm	12


Models

H: 3 Stage 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

4Gx50mm² + 2x1.5mm², 20m^(*)

Mechanical seals

Double mechanical seal in water and oil chamber.

Rotary seal material: Silicon carbide

Stationary seal material: Silicon carbide

Elastomers: Viton

Bearings

Upper: 2 Angular contact bearings

Lower: Cylindrical roller bearing

Discharge connection

6" H

Limitations

Maximum submersion: 20m

Maximum liquid temperature: 40°C

Liquid pH range: 5-8

Available materials

Cover: Nodular cast iron ASTM A536

Strainer: Carbon steel ASTM A36

Impeller: High chrome steel ASTM A532 / Stainless Steel AISI 316.

Diffusers: Nodular cast iron ASTM A536

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

DOWDENS
PUMPING & WATER TREATMENT
Making water work for you

www.dowdens.com.au



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



hidropump.com