

# Brochure

Standard  
60 Hz



**High range**  
pumping systems  
for your operation

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**HIDRO** pump



# ¿Why trust Hidropump?

- More than 17 years of experience in the service of the industry and mining sector.
- Manufacture of a wide range of submersible and stationary pumps prepared to work in the most severe conditions, adapting to the needs of our clients.
- Millions of liters of water and mud pumped in the mining sector.
- We manufacture the pumps, spare parts and components in our own factory.
- We are a professional team of highly trained and motivated engineers who have been in the industry for more than 25 years.
- Our firm fully develops the entire pumping system with comprehensive pumping proposals that range from: Conceptual, basic and detailed engineering, evaluation and diagnosis, design and implementation of pumping systems, mechanical and electrical installation in the client's facilities, assembly and installation of pumps and pipes for drainage systems.
- Operation and maintenance of pumping systems.
- More than 2 millions man hours without accidents.



# In the world

# Products

## Dewatering pumps

Standard version



Miura HP10	Espada HP15	Diablo HP35	Gallardo HP58	Countach HP80	Huracán HP100	Aventador HP115	Reventón HP150	Estoque HP300
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## Dewatering pumps

Stainless Steel version



Miura HP10	Espada HP15	Diablo HP35	Gallardo HP58	Countach HP80	Huracán HP100	Aventador HP115	Reventón HP150	Estoque HP300
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## Slurry pumps

Standard version



Bronco 9MD	Bronco 17MD	Bronco 33MD	Bronco 66MD	Bronco 99MD	Bronco 33HD	Bronco 66HD	Bronco 99HD	Electric Excavator P650
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## Slurry pumps

Stainless Steel version



Bronco 9MD	Bronco 17MD	Bronco 33MD	Bronco 66MD	Bronco 99MD	Bronco 33HD	Bronco 66HD	Bronco 99HD	
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# Dewatering pumps

Standard version



# Miura HP10

Electric submersible drainage pumps

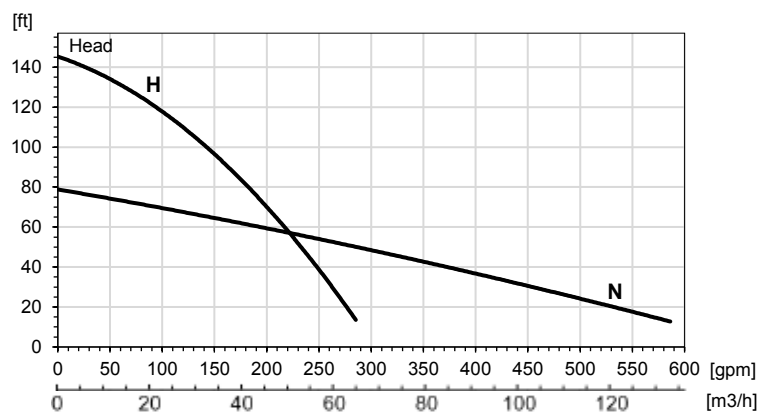
60 Hz

referential image  
\*Stainless Steel version also available



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

60 Hz	H	N
Power, [ kW / HP ]	7,5 / 10	7,5 / 10
Voltage,V	380 / 440 / 460	380 / 440 / 460
Nominal current, A	14,5 / 12,5 / 12	14,5 / 12,5 / 12
Weight, lb (kg)	132 (60)	132 (60)
Max. height, in (mm)	31 (786)	31 (786)
Max. width, in (mm)	12 (305)	12 (305)
Discharge, in	3"	4"
Strainer opening Ø,in (mm)	0,28 (7)	0,28 (7)



## Models:

N: Normal pressure.  
H: High pressure.

## Classification

Submersible electric pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 3550 RPM  
Insulation class: H  
Start: Direct  
Max. number of starts per hour: 12

## Motor protection

Three-phase squirrel cage motor  
Protection: IP 68

## Cable

4G10 + 2x1.5mm<sup>2</sup>, 66ft (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in the 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: 20 m  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 5 – 8.

## Available materials

Cover: Aluminum.  
Cylinder: Carbon steel.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Diffusers: Aluminum + PU.  
Shaft: Stainless steel AISI 431.  
Screws / Nuts: Stainless Steel.

\*Specifications may be modified without prior notice.

# Espada HP15

Electric submersible drainage pumps

60 Hz

referential image  
\*Stainless Steel version also available



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

60 Hz	H	N
Power, [ kW / HP ]	11 / 15	11 / 15
Voltage,V	380 / 440 / 460	380 / 440 / 460
Nominal current,A	21,8 / 18,8 / 18	21,8 / 18,8 / 18
Weight, lb (kg)	176 (80)	176 (80)
Max. height, in (mm)	35 (891)	35 (891)
Max. width, in (mm)	13,4 (342)	13,4 (342)
Discharge, in	3"	4"
Strainer opening Ø, in (mm)	0,28 (7)	0,28 (7)

## Models:

N: Normal pressure.  
H: High pressure.

## Classification

Submersible electric pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 3550 RPM  
Insulation class: H  
Start: Direct  
Max. number of starts per hour: 12

## Motor protection

Three-phase squirrel cage motor  
Protection: IP 68

## Cable

4G10 + 2x1.5mm<sup>2</sup>, 66ft. (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

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

## Bearings

Deep groove ball bearing C3.

## Discharge connection

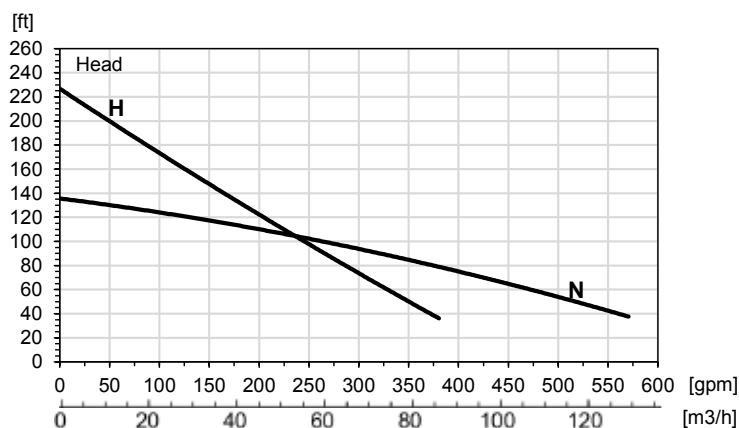
3" H – 4" N. (\*)

## Limitations

Maximum submersion: 66ft.  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Aluminum.  
Cylinder: Carbon steel.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Diffusers: Aluminum +PU.  
Shaft: AISI 431 Stainless steel.  
Screws/Nuts: Stainless steel.



\*Specifications may be modified without prior notice.

# Diablo HP35

Electric submersible drainage pumps



referential image  
\*Stainless Steel version also available

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

60 Hz	H	N
Power, [kW / HP]	26 / 35	26 / 35
Voltage, V	380 / 440 / 460	380 / 440 / 460
Nominal current, A	50,1 / 43,3 / 41,4	50,1 / 43,3 / 41,4
Weight, lb (kg)	397 (180)	397 (180)
Max. height, in (mm)	47,4 (1204)	47,4 (1204)
Max. width, in (mm)	18,1 (461)	18,1 (461)
Discharge, in	4"	6"
Strainer opening Ø, in (mm)	0,51 (13)	0,51 (13)

## Models:

N: Normal pressure.  
H: High pressure.

## Classification

Submersible electric pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 3550 RPM  
Insulation class: H  
Start: Direct  
Max. number of starts per hour: 12

## Motor protection

Termocontactos en el bobinado  
Protección: IP 68

## Cable

4G10 + 2x1.5mm<sup>2</sup>, 66ft (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber and water.  
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

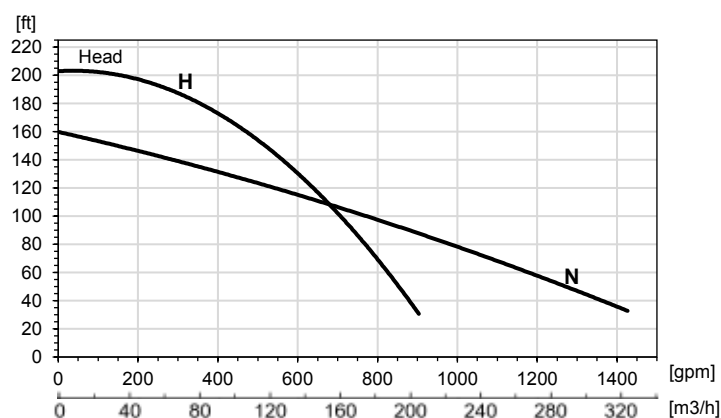
4" H - 6" N. (\*)

## Limitations

Maximum submersion: 66ft.  
Maximum liquid temperature: 40 °C (104°F).  
Liquid pH range: 5 - 8

## Available materials

Cover: Aluminum.  
Cylinder: Carbon steel.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Diffusers: Aluminum + PU.  
Shaft: AISI 431 Stainless steel.  
Screws / Nuts: Stainless steel.



\*Specifications may be modified without prior notice.



# Gallardo HP58

Electric submersible drainage pumps

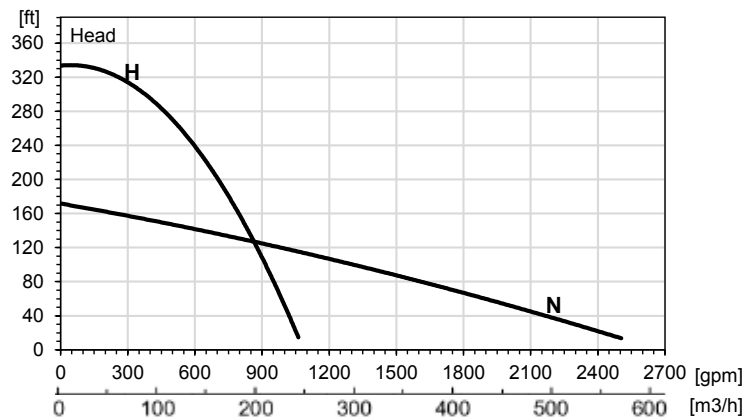
60 Hz

referential image  
\*Stainless Steel version also available



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

60 Hz	H	N
Power, [kW / HP]	45 / 60	45 / 60
Voltage, V	380 / 440 / 460	380 / 440 / 460
Nominal current, A	85,9 / 74,2 / 71	85,9 / 74,2 / 71
Weight, lb (kg)	639 (290)	639 (290)
Max. height, in (mm)	52,3 (1328)	52,3 (1328)
Max. width, in (mm)	21 (533)	21 (533)
Discharge, in	4"	6"
Strainer opening Ø, in (mm)	0,47 (12)	0,47 (12)



## Models:

N: Normal pressure.  
H: High pressure.

## Classification

Submersible electric pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 3550 RPM  
Insulation class: H  
Start: Direct / Star-Delta  
Max. number of starts per hour: 12

## Motor protection

Thermo-contacts in the winding.  
Protection: IP 68

## Cable

Star-Delta: 2 cables 4G10+ 2x1.5mm<sup>2</sup>, 66 ft (\*)  
Direct: 1 cable 4G25+ 2x1.5mm<sup>2</sup>, 66 ft (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber and water.  
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: 66 ft.  
Maximum liquid temperature: 40 °C (104°F).  
Liquid pH range: 5 – 8.

## Available materials

Cover: Aluminum.  
Cylinder: Carbon steel.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Diffusers: Aluminum + PU.  
Shaft: AISI 431 Stainless steel.  
Screws / Nuts : Stainless steel.

\*Specifications may be modified without prior notice.

# Countach HP80

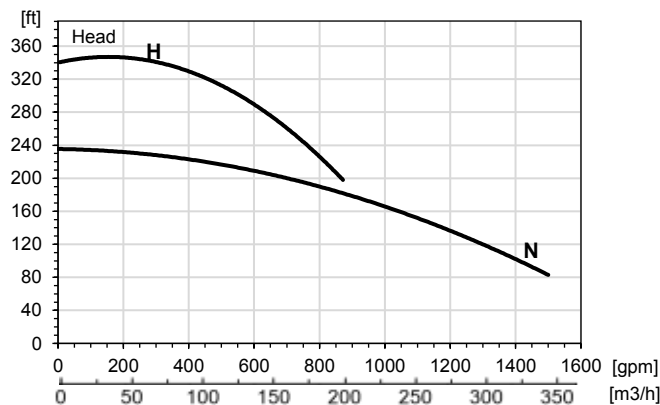
Electric submersible drainage pumps



referential image  
\*Stainless Steel version also available

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

60 Hz	H	N
Power, [kW / HP]	60 / 80	60 / 80
Voltage, V	380 / 440 / 460	380 / 440 / 460
Nominal current, A	115,4 / 99,6 / 95,3	115,4 / 99,6 / 95,3
Weight, lb (kg)	1812 (822)	1812 (822)
Max. height, in (mm)	60 (1524)	60 (1524)
Max. width, in (mm)	22 (559)	22 (559)
Discharge, in	6"	8"
Strainer opening Ø, in (mm)	0,47 (12)	0,47 (12)



## Models:

N: Normal pressure.  
H: High pressure.

## Classification

Submersible electric pump

## Electric motor

Three-phase squirrel cage motor.  
Speed: 3550 RPM.  
Insulation class: H.  
Start: Star-Delta  
Max. number of starts per hour :12

## Motor protection

Thermo-contacts in the winding.  
Protection: IP 68.

## Cable

2 cables 4G16+ 2x1.5mm<sup>2</sup>, 66 ft (\*).  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber and water.  
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: 66 ft.  
Maximum liquid temperature: 40 °C (104°F).  
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.

\*Specifications may be modified without prior notice.

# Huracan HP100

Electric submersible drainage pumps

60 Hz

referential image  
\*Stainless Steel version also available



Electric submersible drainage pump, available in cast iron and stainless-steel alloys. Design for mining application, power plants and other industries that handle abrasive solids.

<b>60 Hz</b>	<b>N</b>
<b>Power , [kW / HP]</b>	75 / 100
<b>Voltage,V</b>	380 / 440 / 460
<b>Nominal current, A</b>	155 / 134 / 128
<b>Weight, lb (kg)</b>	2645,5 (1200)
<b>Max. height,in (mm)</b>	73,8 (1875)
<b>Max. width,in (mm)</b>	41,4 (1053)
<b>Discharge, in</b>	10"
<b>Strainer opening Ø, in (mm)</b>	1 (25)

## Models:

N: Normal pressure.

## Classification

Submersible electric pump

## Electric motor

Three-phase squirrel cage motor, 4 poles.  
Speed: 1750 RPM  
Insulation class: H  
Start: Star-Delta / Soft-Starter (\*)  
Max. number of starts per hour: 12

## Motor protection

Thermo-contacts in the winding.  
Protection: IP 68

## Cable

2 cables 4G25+2Gx1.5 mm<sup>2</sup>, 66ft (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber and water.  
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

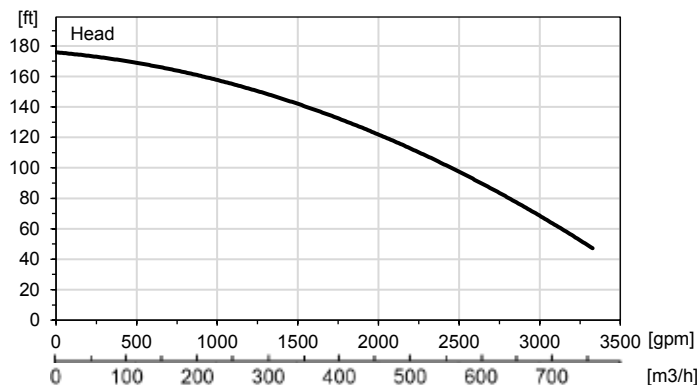
10" ANSI 150 lbs.

## Limitations

Maximum submersion: 66ft.  
Maximum liquid temperature: 40 °C (104 °F).  
Liquid pH range: 6-11.

## Available materials

Cover: Cast iron.  
Cylinder: Carbon steel.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Casing: Cast iron.  
Volute: Chrome steel.  
Shaft: AISI 341 Stainless steel.  
Screws / Nuts : Stainless steel.



\*Specifications may be modified without prior notice.

# Aventador HP115

Electric submersible drainage pumps

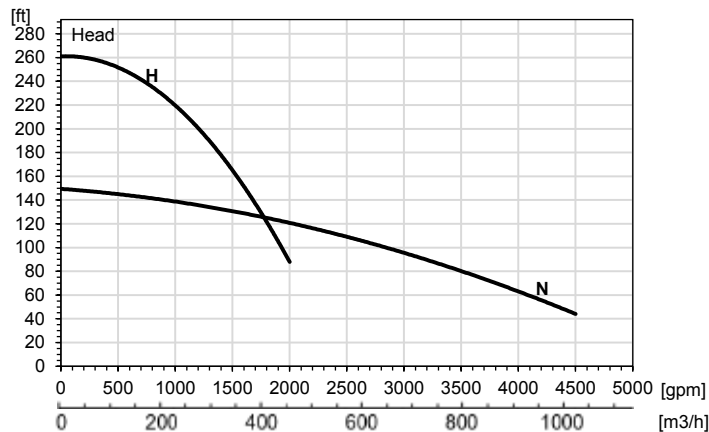
60 Hz



referential image  
\*Stainless Steel versión also available

Electric submersible drainage pump, available in cast iron and stainless-steel alloys. Design for mining application, power plants and other industries that handle abrasive solids and water.

60 Hz	H	N
Power, [kW / HP]	85 / 115	85 / 115
Voltage, V	380 / 440 / 460	380 / 440 / 460
Nominal current, A	170,7 / 147,4 / 141	170,7 / 147,4 / 141
Weight, lb (kg)	1477 (670)	1477 (670)
Max. height, in (mm)	48,7 (1238)	48,7 (1238)
Max. width, in (mm)	36,3 (923)	36,3 (923)
Discharge, in	8"	10"
Strainer opening Ø, in (mm)	1 (25)	1 (25)



## Models:

N: Normal pressure.  
H: High pressure.

## Classification

Submersible electric pump

## Electric motor

Three-phase squirrel cage motor, 4 poles.  
Speed: 1750 RPM  
Insulation class: H  
Start: Star-Delta, Soft Starter, VFD (\*)

## Motor protection

Thermo-contacts in the winding.  
Protection: IP 68  
Max. number of starts per hour: 12

## Cable

2 cables 4G25+2x1,5mm<sup>2</sup>, 66 ft(\*).  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber and water.  
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: 66 ft.  
Maximum liquid temperature: 40 °C (104°F)  
Liquid pH range: 5-8

## Available materials

Cover: Aluminio.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Housing: Aluminum.  
Diffusers: Aluminum + PU.  
Shaft: AISI 431 Stainless steel.  
Screws / Nuts: Stainless steel.

\*Specifications may be modified without prior notice.

# Reventon HP150

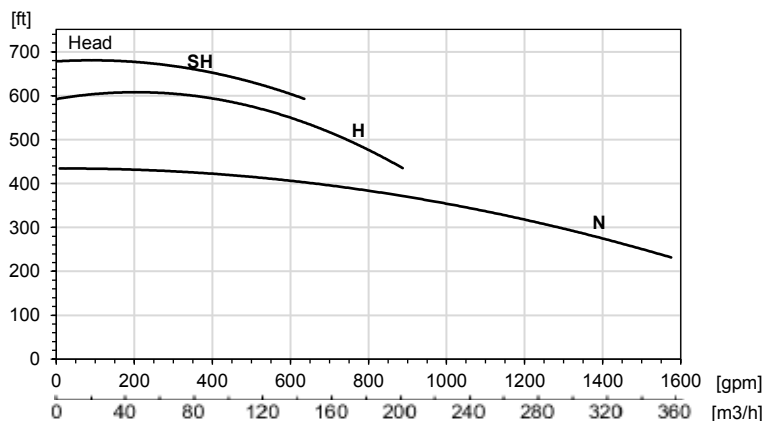
Electric submersible drainage pumps



referential image  
\*Stainless Steel versión also available

Electric submersible drainage pump, available in cast iron and stainless-steel alloys. Design for mining application, power plants and other industries that handle abrasive solids and water.

60 Hz	H	SH	N
Power, [kW / HP]	112 / 150	112 / 150	112 / 150
Voltage, V	380 / 440 / 460	380 / 440 / 460	380 / 440 / 460
Nominal current, A	219 / 189 / 181	219 / 189 / 181	219 / 189 / 181
Weight, lb (kg)	2381 (1080)	2381 (1080)	2381 (1080)
Max. height, in (mm)	66,2 (1681)	66,2 (1681)	66,2 (1681)
Max. width, in (mm)	24,4 (619)	24,4 (619)	24,4 (619)
Discharge, in	6"	6"	8"
Strainer opening Ø, in (mm)	0,47 (12)	0,47 (12)	0,47 (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: 3550 RPM  
Insulation class: H  
Start: Star-Delta, Soft Starter  
Max. number of starts per hour: 12

## Motor protection

Thermo-contacts in the winding.  
Protection: IP 68

## Cable

2 cables 4G35 + 2x1.5mm<sup>2</sup>, 66ft (\*).  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber and water.  
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 - 6" SH 8" N. (\*)

## Limitations

Maximum submersion: 164 ft.  
Maximum liquid temperature: 40 °C (104 °F)  
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.

\*Specifications may be modified without prior notice.

# Estoque HP300

Electric submersible drainage pumps

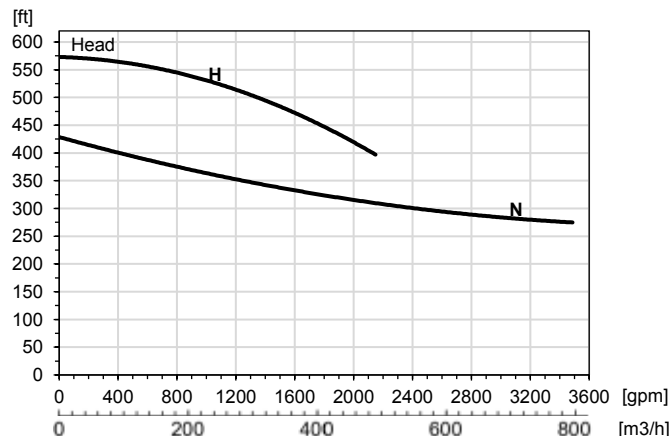
60 Hz

referential image  
\*Stainless Steel version also available



Electric submersible drainage pump, available in cast iron and stainless-steel alloys. Design for mining application, power plants and other industries that handle abrasive solids and water.

60 Hz	H	N
Power, [kW / HP]	224 / 300	224 / 300
Voltage, V	380 / 440 / 460	380 / 440 / 460
Nominal current, A	412,8 / 356,5 / 341	412,8 / 356,5 / 341
Weight, lb (kg)	5291 (2400)	5696,7 (2584)
Max. height, in (mm)	87,9 (2232)	86,7 (2201)
Max. width, in (mm)	43,7 (1111)	40,2 (1020)
Discharge, in	10"	10"
Strainer opening Ø, in (mm)	0,63 (16)	0,63 (16)



## Models:

N: Normal pressure.  
H: High pressure.

## Classification

Submersible electric pump

## Electric motor

Three-phase squirrel cage motor, 4 poles.  
Speed: 1750 RPM.  
Insulation class: H.  
Start: Soft Starter, VFD (\*)  
Max. number of starts per hour: 12

## Motor protection

Thermo-contacts in the winding.  
Protection: IP 68.

## Cable

2 cables 4G70 + 2x1.5 mm<sup>2</sup>, 66ft (\*).  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber and water  
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: 164 ft.  
Maximum liquid temperature: 40 °C (104 °F).  
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.

\*Specifications may be modified without prior notice.

# Slurry pumps



Standard version

# Bronco 9MD

Electric submersible slurry pumps

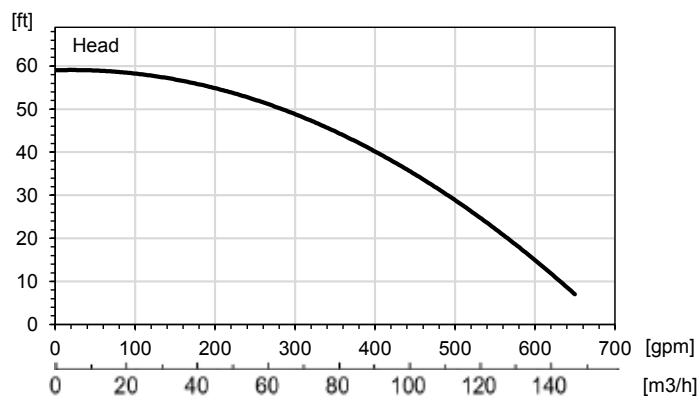
60 Hz

referential image  
\*Stainless Steel version also available



Electric submersible slurry pump, available in various cast iron and stainless-steel alloys. For applications in mines and industries that handle abrasive solids and slurries.

60 Hz	MD
Power, [ kW / HP ]	7,5 / 10
Voltage,V	380 / 440 / 460
Nominal current, A	14,2 / 12,2 / 11,7
Weight, lb (kg)	332,9 (151)
Max. height, inch (mm)	37,4 (949)
Max. width, inch (mm)	18 (459)
Discharge, inch.	3"-4"
Strainer opening Ø,inch (mm)	1 (25,4)



## Models:

MD: Medium Duddy

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1750 RPM  
Insulation class: H  
Start: Direct  
Max. number of starts per hour: 12

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

4G10 + 2x1.5mm<sup>2</sup>, 66ft. (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber.  
Rotary seal material: silicon carbide.  
Stationary seal material: silicon carbide.  
Elastomers: Viton.

## Discharge connection

3" - 4" (\*)

## Limitations

Maximum submersion: 66 ft.  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 - 11.

## Available materials

Cover: Cast iron.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Agitator: High chrome steel.  
Wear plate: High chrome steel.  
Cover suction: Cast iron.  
Casing/volute: Cast iron.  
Shaft: AISI 431 Stainless steel.  
Screws/Nuts: Stainless steel.

\*Specifications may be modified without prior notice.



# Bronco 17MD

Electric submersible slurry pumps

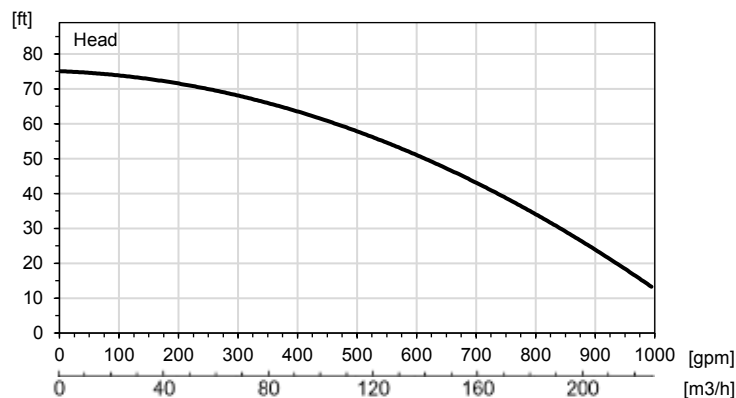
60 Hz

referential image  
\*Stainless Steel version also available



Electric submersible slurry pump, available in various cast iron and stainless-steel alloys. For applications in mines and industries that handle abrasive solids and slurries.

60 Hz	MD
PPower, [ kW / HP ]	[12,7 / 17]
Voltage,V	380 / 440 / 460
Nominal current, A	25,8 / 22,3 / 21,3
Weight, lb (kg)	668 (303)
Max. height, inch (mm)	48 (1221)
Max. width, inch (mm)	23 (583)
Discharge, inch.	4"
Strainer opening Ø,inch (mm)	1,3 (33)



## Models:

MD: Medium Duttty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1750 RPM  
Insulation class: H  
Start: Direct  
Max. number of starts per hour: 12

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

4G10 + 2x1.5mm<sup>2</sup>, 66ft. (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber.  
Rotary seal material: silicon carbide.  
Stationary seal material: silicon carbide.  
Elastomers: Viton.

## Discharge connection

4" (\*)

## Limitations

Maximum submersion: 66ft.  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Cast iron  
Strainer: Carbon steel.  
Impeller: High chrome steel/ Stainless steel.  
Agitator: High chrome steel.  
Wear plate: High chrome steel.  
Cover suction: Cast iron.  
Casing/volute: Cast iron.  
Shaft: AISI 431 Stainless steel.  
Screws/Nuts: Stainless steel.

\*Specifications may be modified without prior notice.

# Bronco 33MD

Electric submersible slurry pumps

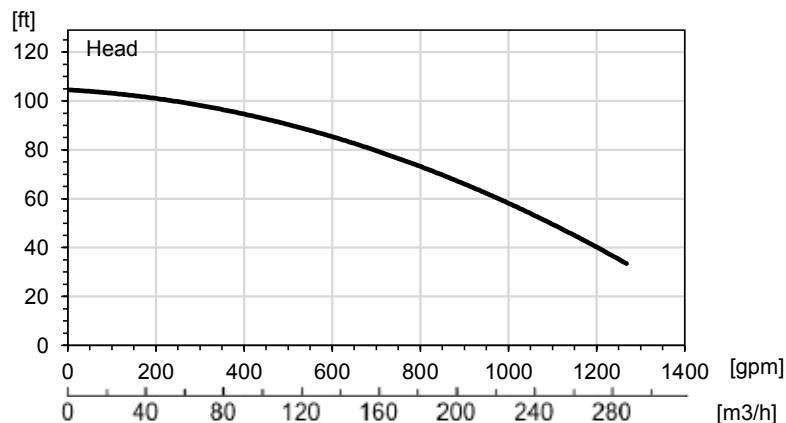
60 Hz

referential image  
\*Stainless Steel version also available



Electric submersible slurry pump, available in various cast iron and stainless-steel alloys. For applications in mines and industries that handle abrasive solids and slurries.

60 Hz	MD
Power, [ kW / HP ]	30 / 40
Voltage,V	380 / 440 / 460
Nominal current, A	62 / 53,5 / 51,2
Weight, lb (kg)	1146 (520)
Max. height, inch (mm)	59,5 (1511)
Max. width, inch (mm)	22 (560)
Discharge, inch.	4"-6"
Strainer opening Ø,inch (mm)	1,5 (38)



## Models:

MD: Medium Duttty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1750 RPM  
Insulation class: H  
Start: Direct.  
Max. number of starts per hour: 12

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

4G10 + 2x1.5mm<sup>2</sup>, 66ft. (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber.  
Rotary seal material: silicon carbide.  
Stationary seal material: silicon carbide.  
Elastomers: Viton.

## Discharge connection

4" - 6" (\*)

## Limitations

Maximum submersion: 66 ft.  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 - 11.

## Available materials

Cover: Cast iron.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Agitador: High chrome steel.  
Wear plate: High chrome steel.  
Cover suction: Cast iron.  
Casing / volute: Cast iron.  
Shaft: AISI 431 Stainless steel.  
Screws / Nuts: Stainless steel.

\*Specifications may be modified without prior notice.

# Bronco 66MD

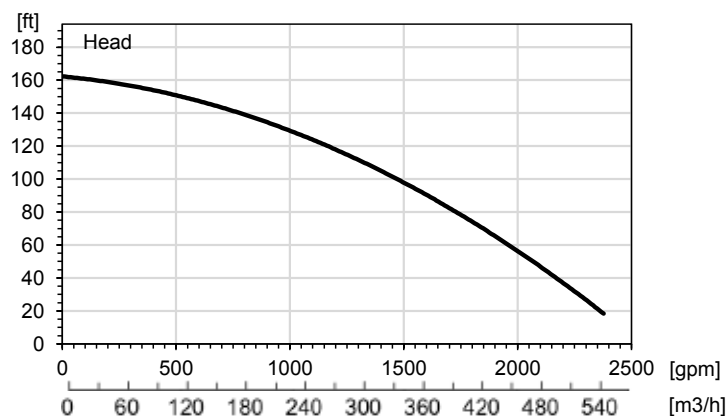
Electric submersible slurry pumps



referential image  
\*Stainless Steel version also available

Electric submersible slurry pump, available in various cast iron and stainless-steel alloys. For applications in mines and industries that handle abrasive solids and slurries.

60 Hz	MD
Power, [ kW / HP ]	56 / 75
Voltage,V	380 / 440 / 460
Nominal current, A	117 / 101 / 96,6
Weight, lb (kg)	2425 (1100)
Max. height, inch (mm)	71 (1805)
Max. width, inch (mm)	34,5 (876)
Discharge, inch.	8"
Strainer opening Ø,inch (mm)	1,65 (42)



## Models:

MD: Medium Duddy

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1750 RPM  
Insulation class: H  
Start: Star-Delta, Soft Starter  
Max. number of starts per hour: 12

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

4G35 + 2x1.5mm<sup>2</sup>, 66ft. (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber.  
Rotary seal material: silicon carbide.  
Stationary seal material: silicon carbide.  
Elastomers: Viton.

## Discharge connection

8" (\*)

## Limitations

Maximum submersion: 66ft.  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Cast iron.  
Strainer: Carbon steel.  
Impeller: High chrome steel/ Stainless steel.  
Agitator: High chrome steel.  
Wear plate: High chrome steel.  
Cover suction: Cast iron.  
Casing/volute: Cast iron.  
Shaft: AISI 431 Stainless steel.  
Screws / Nuts: Stainless steel.

\*Specifications may be modified without prior notice.

# Bronco 99MD

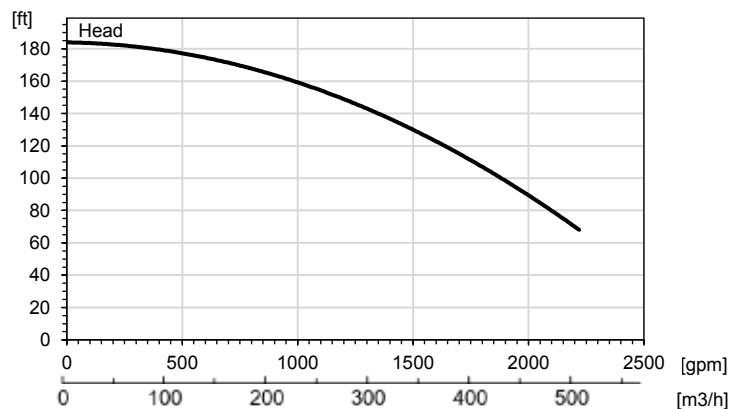
Electric submersible slurry pumps



referential image  
\*Stainless Steel version also available

Electric submersible slurry pump, available in various cast iron and stainless-steel alloys. For applications in mines and industries that handle abrasive solids and slurries.

60 Hz	MD
Power, [ kW / HP ]	75 / 100
Voltage,V	380 / 440 / 460
Nominal current, A	151,3 / 130,7 / 125
Weight, lb (kg)	2678,6 (1215)
Max. height, inch (mm)	72,8 (1850)
Max. width, inch (mm)	39 (990)
Discharge, inch.	8"
Strainer opening Ø,inch (mm)	1,8 (45)



## Models:

MD: Medium Duttty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1750 RPM  
Insulation class: H  
Start: Star-Delta, Soft Starter  
Max. number of starts per hour: 12

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

2 cables 4G35 + 2x1.5mm<sup>2</sup>, 66 ft. (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber.  
Rotary seal material: silicon carbide.  
Stationary seal material: silicon carbide.  
Elastomers: Viton.

## Discharge connection

8" (\*)

## Limitations

Maximum submersion: 66ft.  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Cast iron.  
Strainer: Carbon steel.  
Impeller: High chrome steel/ Stainless steel.  
Agitator: High chrome steel.  
Wear plate: High chrome steel.  
Cover suction: Cast iron.  
Casing /volute: Cast iron.  
Shaft: AISI 431 Stainless steel.  
Screws / Nuts: Stainless steel.

\*Specifications may be modified without prior notice.

# Bronco 33HD

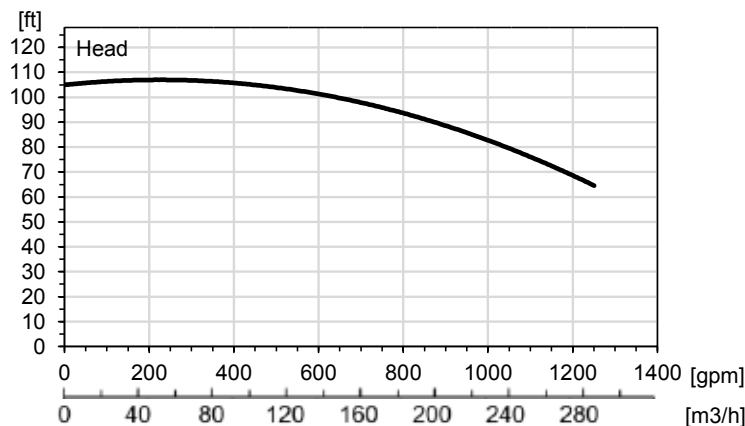
Electric submersible slurry pumps



referential image  
\*Stainless Steel version also available

Electric submersible slurry pump, available in various cast iron and stainless-steel alloys. For applications in mines and industries that handle abrasive solids and slurries.

60 Hz	HD
Power, [ kW / HP ]	30 / 40
Voltage,V	380 / 440 / 460
Nominal current, A	60 / 51,9 / 49,6
Weight, lb (kg)	1146 (520)
Max. height, inch (mm)	48,2 (1224)
Max. width, inch (mm)	28,5 (724)
Discharge, inch.	4"
Strainer opening Ø,inch (mm)	1,38 (35)



## Models:

HD: Heavy Dutty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1185 RPM  
Insulation class: H  
Start: Direct, Star-Delta  
Max. number of starts per hour:12

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

2 cables 4G10 + 2x1.5mm<sup>2</sup>, 66ft. (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal in oil chamber.  
Rotary seal material: silicon carbide.  
Stationary seal material: silicon carbide.  
Elastomers: Viton.

## Discharge connection

4" Flange ANSI 150 lb. (\*)

## Limitations

Maximum submersion: 66ft.  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Cast iron.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Agitator: High chrome steel.  
Wear plate: High chrome steel.  
Cover suction: Cast iron.  
Casing / volute : Cast iron.  
Shaft: AISI 431 Stainless steel.  
Screw/Nuts: Stainless steel.

\*Specifications may be modified without prior notice.

# Bronco 66HD

Electric submersible slurry pumps

60 Hz

referential image  
\*Stainless Steel version also available



Electric submersible slurry pump, available in various cast iron and stainless-steel alloys. For applications in mines and industries that handle abrasive solids and slurries.

60 Hz	HD
Power, [ kW / HP ]	60 / 80
Voltage,V	380 / 440 / 460
Nominal current, A	120 / 104 / 99,5
Weight, lb (kg)	2414 (1095)
Max. height, inch (mm)	71,2 (1808)
Max. width, inch (mm)	35,7 (907)
Discharge, inch.	6"
Strainer opening Ø,inch (mm)	2,4 (60)

## Models:

HD: Heavy Dutty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1185 RPM  
Insulation class: H  
Start : Star-Delta, Soft Starter  
Max. number of starts per hour: 12

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

2 cables 4G16 + 2x1.5mm<sup>2</sup>, 66 ft. (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

## Mechanical seals

Double mechanical seal oil chamber.  
Rotary seal material: silicon carbide.  
Stationary seal material: silicon carbide.  
Elastomers: Viton.

## Discharge connection

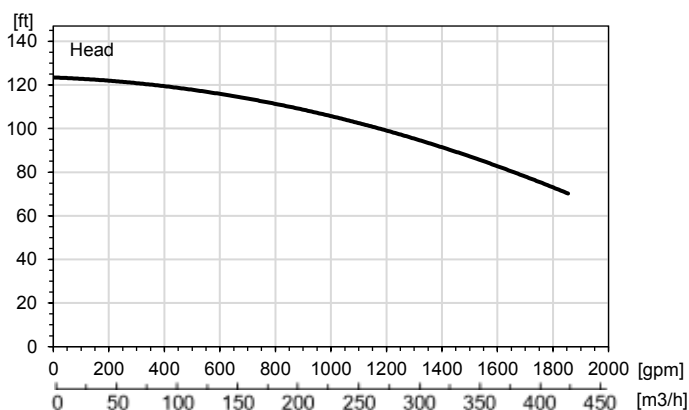
6" Flange ANSI 150 lb. (\*)

## Limitations

Maximum submersion: 66 ft.  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Cast iron.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Agitator: High chrome steel.  
Wear plate: High chrome steel.  
Cover suction: Cast iron.  
Casing/volute: Cast iron.  
Shaft: AISI 431 Stainless steel.  
Screw / Nuts: Stainless steel.



\*Specifications may be modified without prior notice.

# Bronco 99HD

Electric submersible slurry pumps



referential image  
\*Stainless Steel version also available

Electric submersible slurry pump, available in various cast iron and stainless-steel alloys. For applications in mines and industries that handle abrasive solids and slurries.

60 Hz	HD
Power , [ kW / HP ]	93 / 125
Voltage,V	380 / 440 / 460
Nominal current, A	218 / 188 / 180
Weight, lb (kg)	4188,8 (1900)
Max. height, inch (mm)	73,8 (1875)
Max. width, inch (mm)	49,2 (1250)
Discharge, inch.	8"
Strainer opening Ø,inch (mm)	2,4 (60)

**Models:**

HD: Heavy Dutty

**Classification**

Submersible slurry pump

**Electric motor**

Three-phase squirrel cage motor  
Speed: 1150 RPM  
Insulation class: H  
Start: Soft Starter  
Max. number of starts per hour:12

**Motor protection**

Thermo-contacts in the winding  
Protection: IP 68

**Cable**

2 cables 4G35 + 2x1.5mm<sup>2</sup>, 66 ft . (\*)  
This pump must be connected to an external electrical cabinet with adequate protections.

**Mechanical seals**

Double mechanical seal oil chamber.  
Rotary seal material: silicon carbide.  
Stationary seal material: silicon carbide.  
Elastomers: Viton.

**Discharge connection**

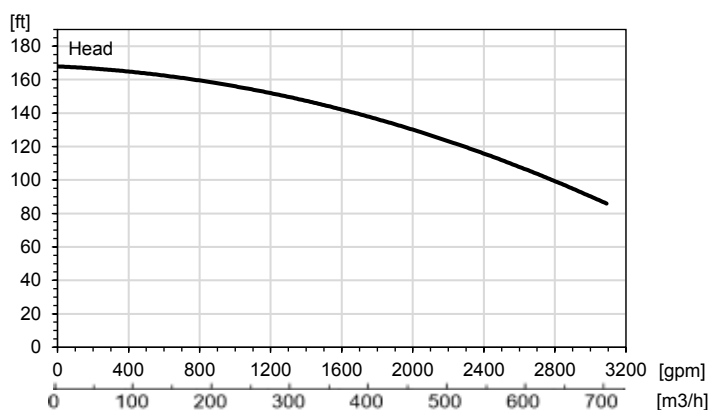
8" Flange ANSI 150 lb. (\*)

**Limitations**

Maximum submersion: 66 ft.  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

**Available materials**

Cover: Cast iron.  
Strainer: Carbon steel.  
Impeller: High chrome steel/ Stainless steel.  
Agitator: High chrome steel.  
Wear plate: High chrome steel.  
Cover suction: Cast iron.  
Casing/volute: Cast iron.  
Shaft: AISI 431 Stainless steel.  
Screw / Nuts: Stainless steel.



\*Specifications may be modified without prior notice.

# Electric Excavator P650

60 Hz

referential image



Solids excavator designed to remove high-density slurry and sand among others. Made of materials with high resistance to wear. Ideal teamed with slurry pumps.

## Models:

P650

## Classification

Electric Slurry Agitator.

## Motor

Three-phase squirrel cage motor  
Power: 7.5 HP  
Speed motor: 60hz 1750 RPM  
Class insulation: H.  
Start: Direct, Star-delta.  
Protection: IP 68.  
Voltage: 60hz: 460-600 V  
Max temperature: 40°C (104°F)

## Gear Reducer

Torque max: 2540 - 2940 Nm  
Ratio: 64/1  
Speed: 60 Hz - 27 RPM

## Seal

Double lip seal.

## Bearings

Deep groove ball bearing C3.

## Dimensions

Max. height, inch (mm): 63 (1600) Max.  
diameter, inch (mm): 25.6 (650)

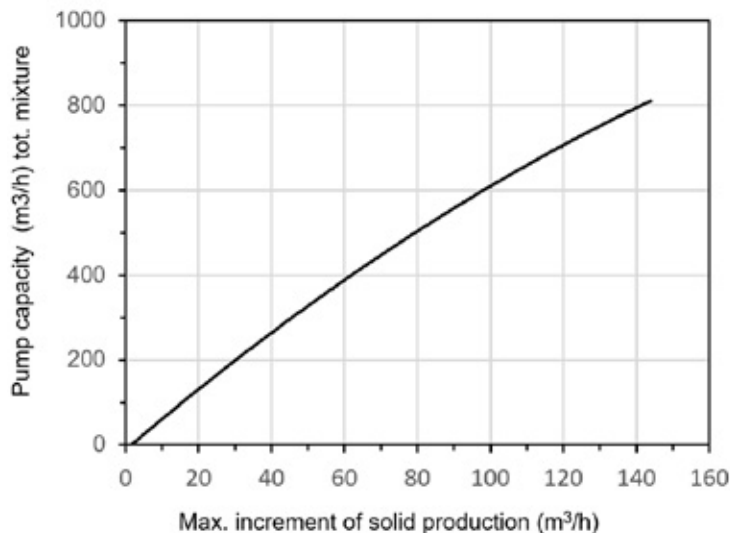
## Available materials

Cover: Carbon Steel.  
Cylinder: Carbon Steel.  
Agitator: Carbon Steel.  
Blades: Anti-wear steel.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.  
Additional: Anodes Zinc (optional).

## Cable

4G10+2x1.5mm<sup>2</sup>, 20 m. (\*)  
This equipment must be connected to an external control panel with adequate protection.

Curve Operation





# Electric Excavator P650

Application electric excavator

**Bronco 33HD**



**Bronco 66HD**



**Excavator P650**



**Bronco 99HD**



- Designed to increase solids capacity
- High abrasion resistance
- High Torque, working up to 70% solids.

\*Specifications may be modified without prior notice.

# Accessories

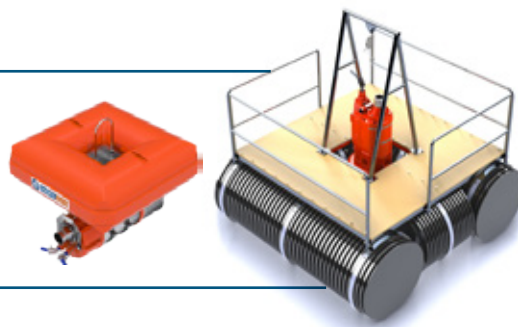
## Discharge accesories



PUMP	Ø Discharge option (inch)
Miura HP10	3-4
Espada HP15	3-4
Diablo HP35	4-6
Gallardo HP58	4-6
Countach H80	6-8
Huracan H100	10
Aventador HP115	8-10
Reventon HP150	6-8
Estoque HP300	10

## Flotation system

FL-150: Float Reventon HP150  
 FL-60 : Float Gallardo HP58  
 FL-35 : Float Diablo HP35  
 FL-15 : Float Espada HP15 - Miura HP10



## Pumps series accesories

System in series Gallardo HP58 pump  
 System in series Countach HP80 pump



## Electric control panels

Power: 10-300HP  
 Voltage: 380-600 V  
 Frecuency: 50-60Hz  
 Start: Direct /Star-Delta /Soft Starter  
 Protection: NEMA 4X - IP66  
 According: IEC-61439





Contact: [info@hidropump.com](mailto:info@hidropump.com)

[hidropump.com](http://hidropump.com)



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