

# Brochure 2024

Standard  
50 Hz



**High range**  
pumping systems  
for your operation

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



**HIDRO** pump



# ¿Why trust Hidropump?

- More than 15 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.
- Rental of submersible and stationary pumps.
- More than 1 million man hours without accidents.
- We are the company with the lowest staff turnover in the peruvian mining sector.



# 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

## Slurry pumps

Standard version



Bronco  
9MD

Bronco  
17MD

Bronco  
33MD

Bronco  
66MD

Bronco  
99MD

Bronco  
33HD

Bronco  
66HD

Bronco  
99HD

Electric  
Excavator  
P650



# Dewatering pumps

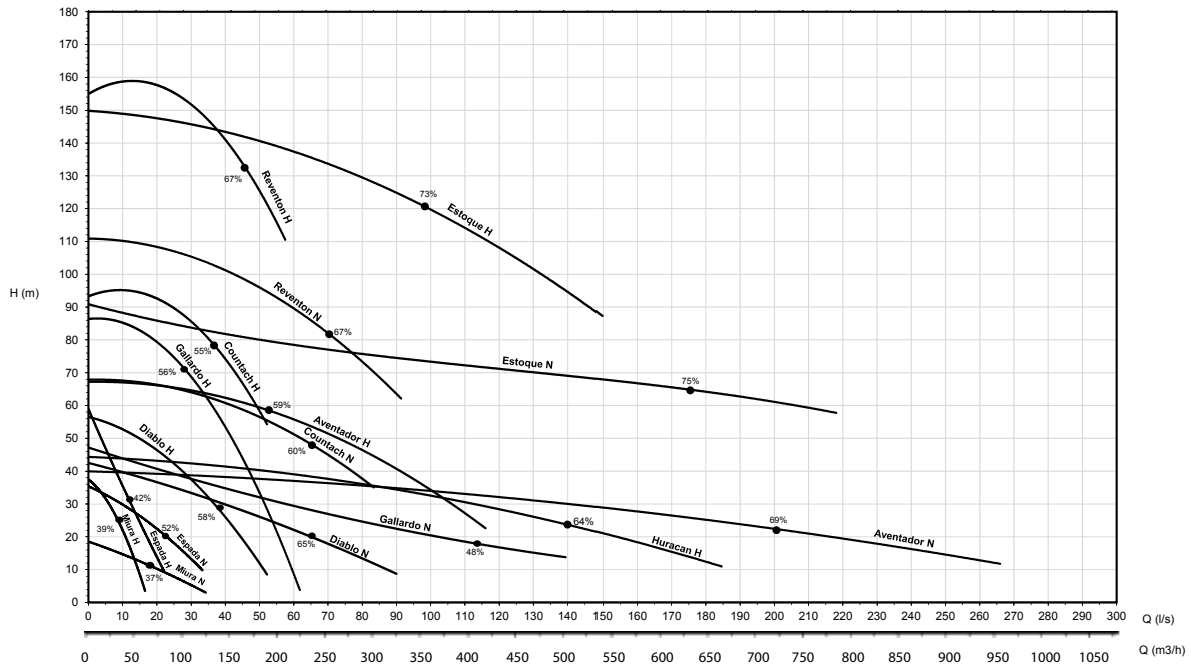
Optimize your operation with the mud pumps of the HidroPump family

MODEL	Power (kW)	Dimensions (mm)	Weight (kg)	FLOW (l/s)	HDT (m)
 <b>Miura HP10</b>	5.5 kW - 50 Hz	280x660 mm	60 kg	50 Hz(H) 4-16.5 l/s 50 Hz(N) 7.5-32 l/s	50 Hz(H) 34-3 m 50 Hz(N) 17-3 m
 <b>Espada HP15</b>	9.3 kW - 50 Hz	320x730 mm	80 kg	50 Hz(H) 3-22 l/s 50 Hz(N) 8-34 l/s	50 Hz(H) 55-8 m 50 Hz(N) 25-8 m
 <b>Diablo HP35</b>	22 kW - 50 Hz	425X1024 mm	180 kg	50 Hz(H) 10-50 l/s 50 Hz(N) 25-89 l/s	50 Hz(H) 50-8 m 50 Hz(N) 35-9 m
 <b>Gallardo HP58</b>	37 kW - 50 Hz	510X1303 mm	290 kg	50 Hz(H) 15-56 l/s 50 Hz(N) 37-135 l/s	50 Hz(H) 85-5 m 50 Hz(N) 25-10 m
 <b>Countach HP80</b>	52 kW - 50 Hz	559X1524 mm	822 kg	50 Hz(H) 17-45 l/s 50 Hz(N) 25-80 l/s	50 Hz(H) 90-60 m 50 Hz(N) 62-40 m
 <b>Huracan HP100</b>	60 kW - 50 Hz	1050X1925 mm	1200 kg	50 Hz 55-160 l/s	50 Hz 41-10 m
 <b>Aventador HP115</b>	71 kW - 50 Hz	910X1262 mm	670 kg	50 Hz(H) 40 - 110 l/s 50 Hz(N) 50-250 l/s	50 Hz(H) 62-22 m 50 Hz(N) 37-15 m
 <b>Reventon HP150</b>	93 kW - 50 Hz	625X1600 mm	1080 kg	50 Hz(H) 16-60 l/s 50 Hz(N) 30-92 l/s	50 Hz(H) 160-110 m 50 Hz(N) 95-40 m
 <b>Estoque HP300</b>	185 kW - 50 Hz	934X1975 mm 1168x1975 mm	2400 kg 2584 kg	50 Hz(H) 40-132 l/s 50 Hz(N) 110-200 l/s	50 Hz(H) 142-100 m 50 Hz(N) 75-60 m



# Dewatering pumps performance

50 Hz



# Materials Available

## Dewatering - Standard

DESCRIPTION	MATERIAL	ASTM
Cover	Aluminium / Cast Iron	ASTM A356 / ASTM A536
Cylinder	Stainless Steel	AISI 304
Strainer	Stainless Steel	AISI 304
Impeller	High Chrome Steel	ASTM A532
Difusers	Aluminium + Pu / Cast Iron	ASTM A356 / ASTM A536
Shaft	Stainless Steel	AISI 431
Screws/ Nuts	Stainless Steel	AISI 304
O-Ring	Nitrile rubber	



# Slurry pumps

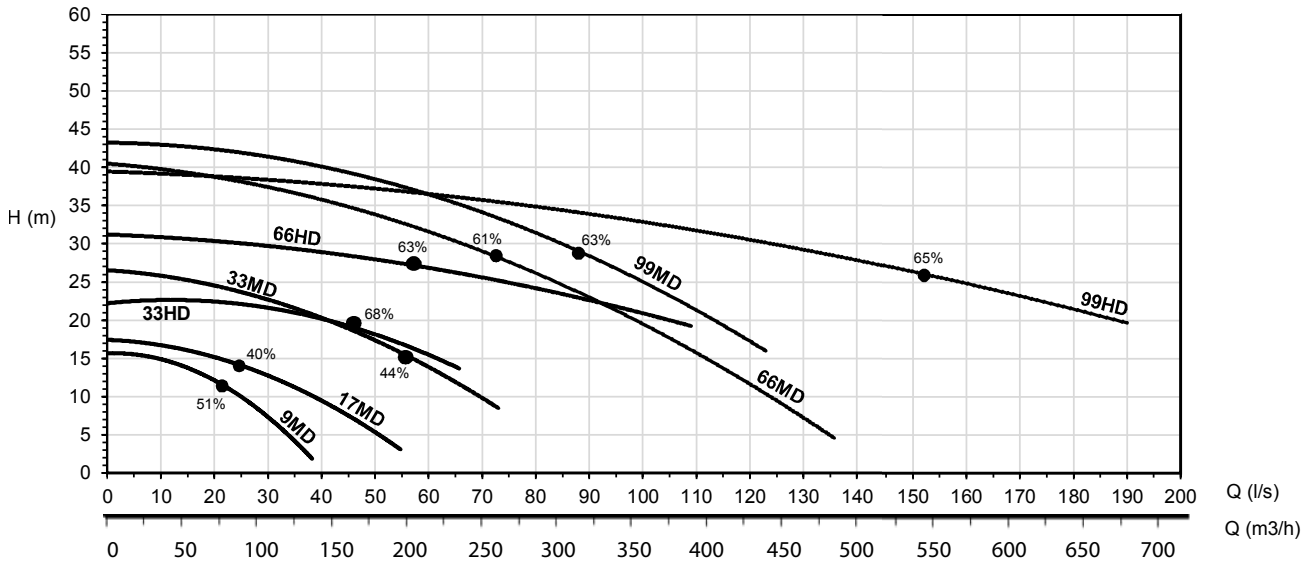
Optimize your operation with the mud pumps of the HidroPump family

MODEL	Power (kW)	Dimensions (mm)	Weight (kg)	FLOW (l/s)	HDT (m)
 <b>Bronco 9MD</b>	5.5 kW - 50Hz	380x806 mm	151 kg	50 Hz 8 - 29 l/s	50 Hz 11 - 4 m
 <b>Bronco 17MD</b>	10.5 kW - 50 Hz	465x1200 mm	303 kg	50 Hz 13-42 l/s	50 Hz 3 - 6 m
 <b>Bronco 33MD</b>	24.6 kW - 50Hz	549x1310 mm	520 kg	50 Hz 17-54 l/s	50 Hz 20 - 11 m
 <b>Bronco 66MD</b>	47 kW - 50Hz	876x1805 mm	1100 kg	50 Hz 40-110 l/s	50 Hz 35-15 m
 <b>Bronco 99MD</b>	60 kW - 50Hz	990x1805 mm	1215 kg	50 Hz 60-150 l/s	50 Hz 38-20 m
 <b>Bronco 33HD</b>	24.6 kW - 50Hz	724x1224 mm	520 kg	50 Hz 25-60 l/s	50 Hz 23-14 m
 <b>Bronco 66HD</b>	50 kW - 50Hz	800x1625 mm	1095 kg	50 Hz 30-90 l/s	50 Hz 30-24 m
 <b>Bronco 99HD</b>	78 kW - 50Hz	1250x1875 mm	1900 kg	50 Hz 50-165 l/s	50 Hz 35-25 m



# Slurry pumps performance

50 Hz



# Materials Available

## Slurry - Standard

DESCRIPTION	MATERIAL	ASTM
Cover	ASTM A536	ASTM A536
Strainer	AISI 304	AISI 304
Impeller	High Chrome Steel	ASTM A532
Agitator	High Chrome Steel	ASTM A532
Wear plate	High Chrome Steel	ASTM A532
Casing/Volute	High Chrome Steel	ASTM A532
Cover Suction	Cast Iron	ASTM A356
Shaft	Stainless Steel	AISI 431
Screws/ Nuts	Stainless Steel	AISI 304
O-Ring	Nitrile rubber	



# Dewatering pumps

Standard version



# Miura HP10

Electric submersible drainage pumps

50 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.

50 Hz	N	H
Power, kW	5.5	5.5
Tension, V	380-500	380-500
Nominal Current, A	14.5-11	14.5-11
Weight, kg	60	60
Max. height, mm	660	660
Max. diameter, mm	280	280
Discharge, inch	4	3
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

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

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

## 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. (\*)

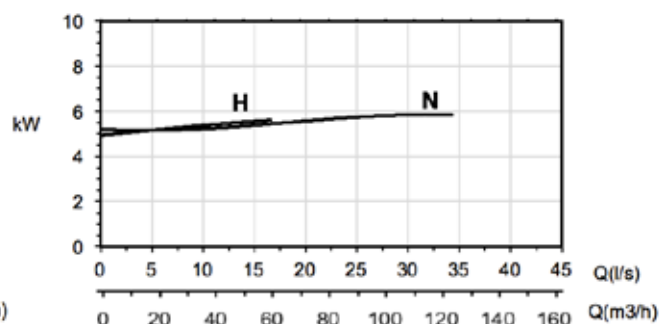
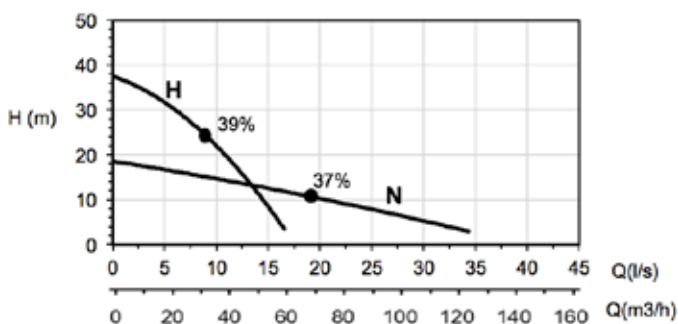
## Limitations

Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 5 - 8.

## Available materials

Cover: Aluminum.  
Cylinder: Stainless Steel.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Diffusers: Aluminum + Polyurethane.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.

\*Specifications may be modified without prior notice.



# Espada HP15

Electric submersible drainage pumps

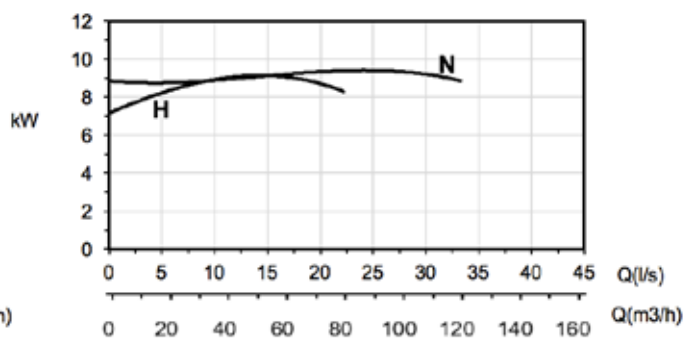
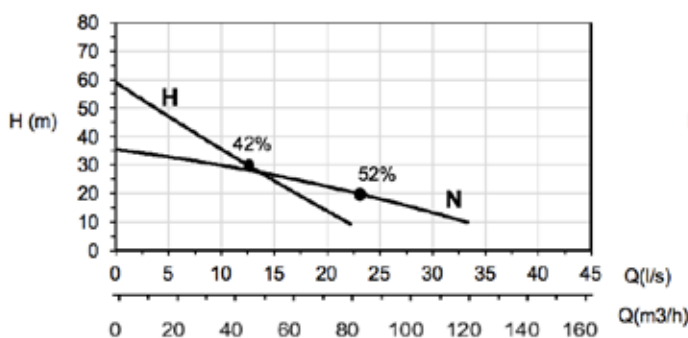
50 Hz

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.

50 Hz	N	H
Power, kW	9.3	9.3
Tension, V	380-500	380-500
Nominal Current, A	22-17	22-17
Weight, kg	80	80
Max. height, mm	730	730
Max. diameter, mm	320	320
Discharge, inch	4	3
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

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

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

## 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: Stainless Steel.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Diffusers: Aluminum + Polyurethane.  
Shaft: 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.

50 Hz	N	H
Power, kW	22	22
Tension, V	380-500	380-500
Nominal Current, A	47-36	47-36
Weight, kg	180	180
Max. height, mm	1024	1024
Max. diameter, mm	425	425
Discharge, inch	150	100
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

**Motor protection**  
Thermo-contacts in the winding  
Protection: IP 68

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

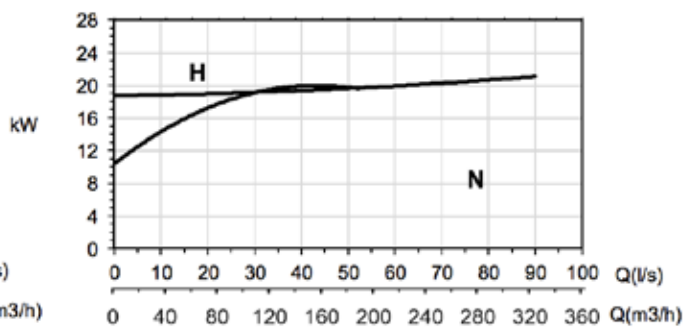
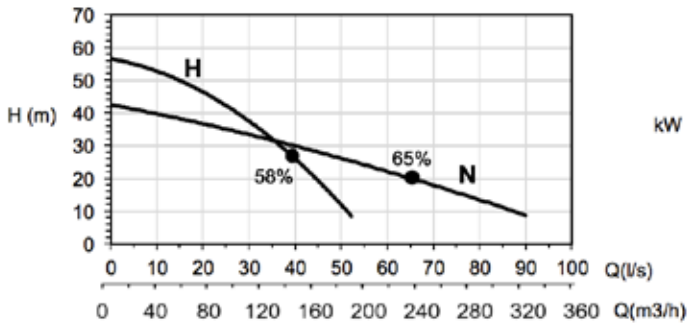
**Mechanical seals**  
Double mechanical seal in the oil and water chamber.  
Rotary seal material: silicon carbide.  
Stationary seal material: silicon carbide.  
Elastomers: Viton.

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

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

**Limitations**  
Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104°F).  
Liquid pH range: 5 - 8.

**Available materials**  
Cover: Aluminum.  
Cylinder: Stainless Steel.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Diffusers: Aluminum+ Polyurethane.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.



\*Specifications may be modified without prior notice.

# Gallardo HP58

Electric submersible drainage pumps

50 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.

50 Hz	N	H
Power, kW	37	37
Tension, V	380-500	380-500
Nominal Current, A	86-65	86-65
Weight, kg	290	290
Max. height, mm	1303	1303
Max. diameter, mm	510	510
Discharge, inch	6	4
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

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

Star-Delta: 2 cables 4Gx10+ 2x1.5mm<sup>2</sup>, 20m (\*)  
Direct: 1 cable 4Gx25+ 2x1.5mm<sup>2</sup>, 20m (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

Double mechanical seal in the 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

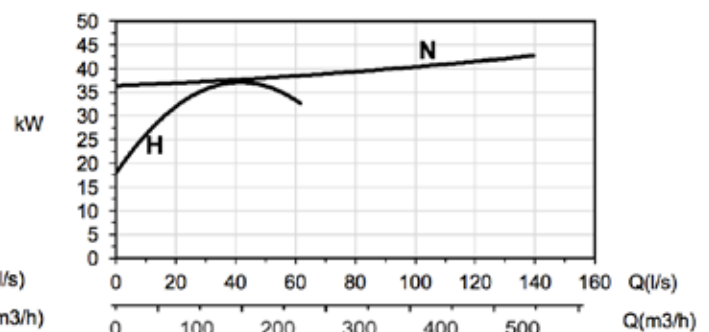
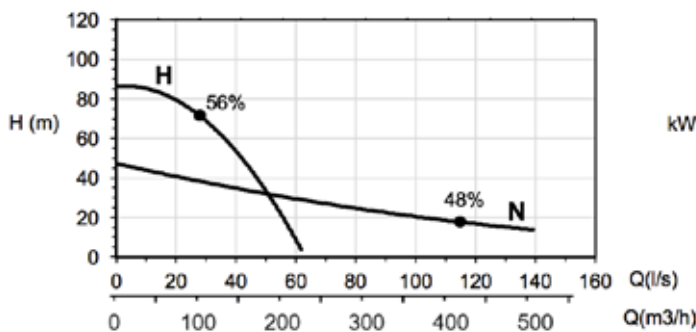
4"H - 6" N. (\*)

## Limitations

Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104°F).  
Liquid pH range: 5 - 8.

## Available materials

Cover: Aluminum.  
Cylinder: Stainless Steel.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Diffusers: Aluminum+ Polyurethane.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.



\*Specifications may be modified without prior notice.

# Countach HP80

Electric submersible drainage pumps

50 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.

50 Hz	N	H
Power, kW	52	52
Tension, V	380-500	380-500
Nominal Current, A	105-80	105-80
Weight, kg	822	822
Max. height, mm	1524	1524
Max. diameter, mm	559	559
Discharge, mm	8	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: Star-Delta.

## Motor protection

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

## Cable

2 cables 4G16+ 2x1.5mm<sup>2</sup>, 20m (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

Double mechanical seal in the 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

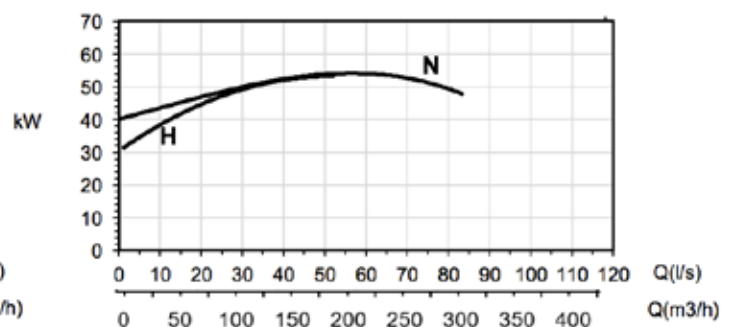
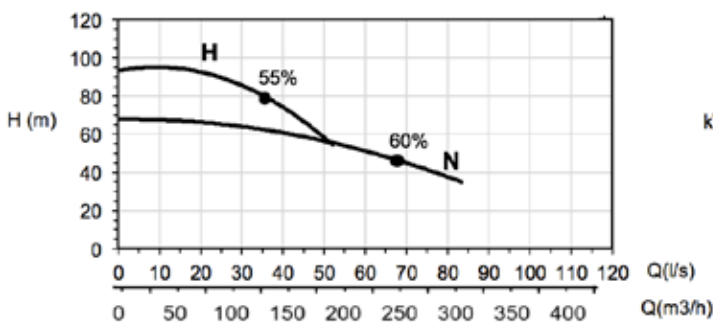
6"H - 8"N

## Limitations

Maximum submersion: 20 m .  
Maximum liquid temperature: 40 °C (104°F).  
Liquid pH range: 6 -11

## Available materials

Cover: Nodular Cast iron.  
Cylinder: Carbon Steel.  
Strainer: Carbon Steel.  
Impeller: High Chrome Cast Iron ( Stainless Steel also available)  
Diffusers: Nodular Cast iron.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.



\*Specifications may be modified without prior notice.

# Huracan HP100

Electric submersible drainage pumps

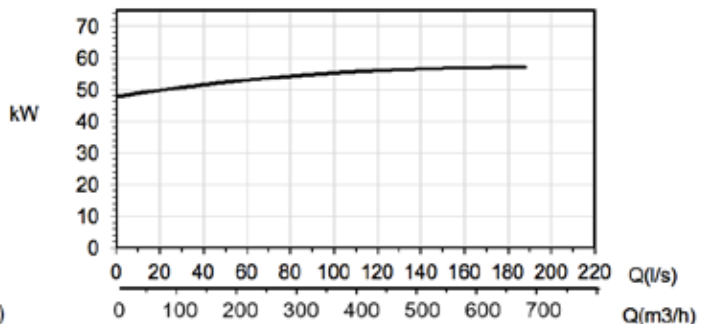
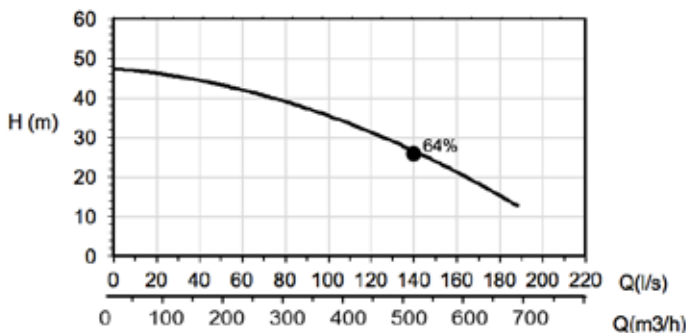
50 Hz

referential image  
\*Stainless Steel version also available



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

50 Hz	N
Power, kW	60
Tension, V	380-500
Nominal Current, A	137-104
Weight, kg	1200
Max. height, mm	1925
Max. diameter, mm	1050
Discharge, inch	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 (\*)

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

2 cables 4G25+2Gx1.5 mm<sup>2</sup>, 20m (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

Double mechanical seal in the 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 lb.

## Limitations

Maximum submersion: 20 m .  
Maximum liquid temperature: 40 ° C (104 ° F).  
Liquid pH range: 6-11.

## Available materials

Cover: Nodular Cast iron  
Cylinder: Carbon Steel  
Strainer: Carbon Steel  
Impeller: High Chrome Cast Iron ( Stainless Steel also available)  
Casing: Nodular Cast iron.  
Volute: Chrome Steel.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless.

\*Specifications may be modified without prior notice.

# Aventador HP115

Electric submersible drainage pumps

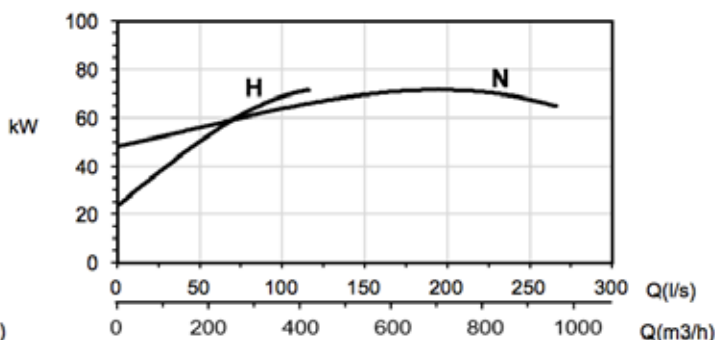
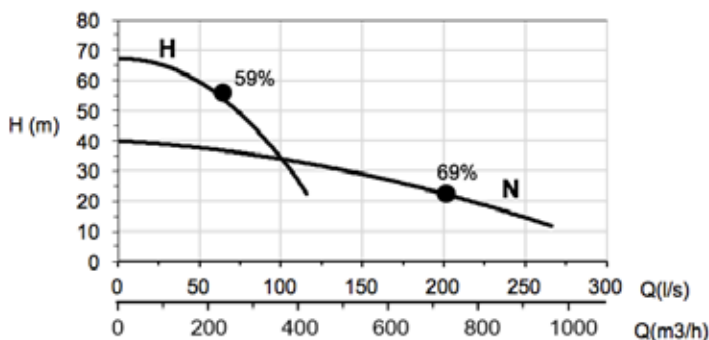
50 Hz

referential image  
\*Stainless Steel versión also available



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

50 Hz	N	H
Power, kW	71	71
Tension, V	380-500	380-500
Nominal Current, A	179-136	179-136
Weight, kg	670	670
Max. height, mm	1262	1262
Max. diameter, mm	910	910
Discharge, inch	10	8
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

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

2 cables 4G25+2x1.5mm<sup>2</sup>, 20m (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

Double mechanical seal in the 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 (104°F)  
Liquid pH range: 5-8

## Available materials

Cover: Aluminum.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Housing: Aluminum  
Shaft: 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.

50 Hz	N	H
Power, kW	93	93
Tension, V	380-500	380-500
Nominal Current, A	219-166	219-166
Weight, kg	1080	1080
Max. height, mm	1600	1600
Max. diameter, mm	625	625
Discharge, inch	8	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, 2 poles.  
Speed: 2950 RPM  
Insulation class: H  
Start: Star Delta, Soft Starter

## Motor protection

Thermistors in the motor winding  
Protection: IP 68

## Cable

2 cables 4G35 + 2x1.5mm<sup>2</sup>, 20m (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

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

## Bearings

Lower: Angular Contact Bearings  
Upper: Cylindrical roller bearing

## Discharge connection

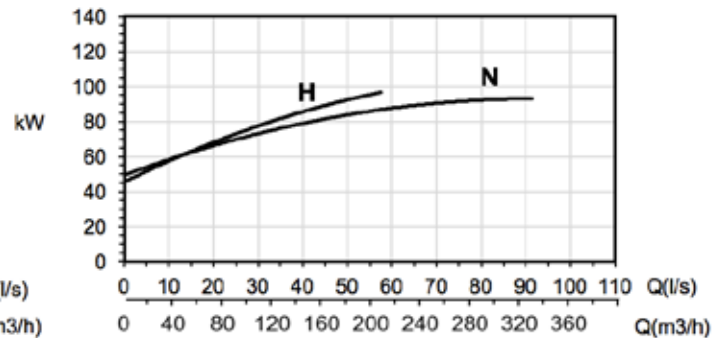
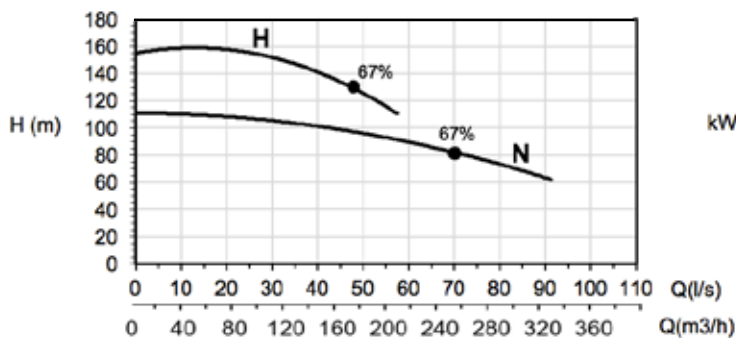
6" H - 8" N. (\*)

## Limitations

Maximum submersion: 25m .  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6-11

## Available materials

Cover: Nodular Cast iron.  
Cylinder: Carbon Steel.  
Strainer: Carbon Steel.  
Impeller: High Chrome Cast Iron ( Stainless Steel also available)  
Diffusers: Nodular Cast iron.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.



\*Specifications may be modified without prior notice.

# Estoque HP300

Electric submersible drainage pumps

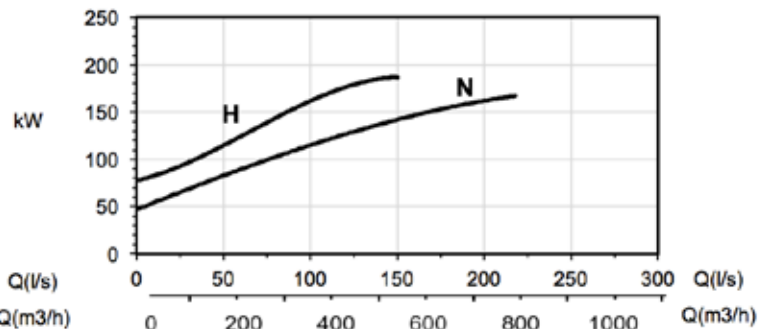
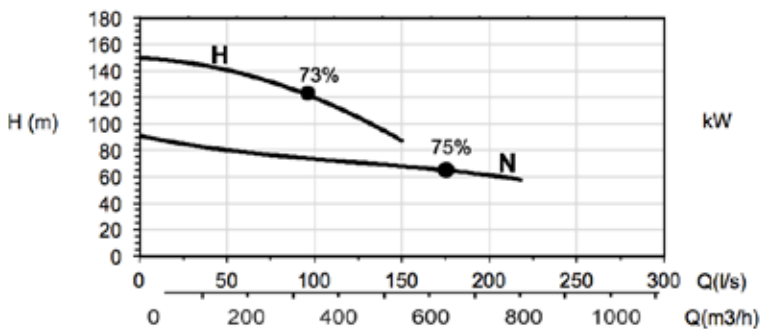
50 Hz

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.

50 Hz	N	H
Power, kW	185	185
Tension, V	380-500	380-500
Nominal Current, A	357-271	357-271
Weight, kg	2584	2400
Max. height, mm	1975	1975
Max. diameter, mm	1168	934
Discharge, inch	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 (\*)

## Motor protection

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

## Cable

2 cables 4G70 +2x1.5 mm<sup>2</sup>, 20m (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

Double mechanical seal in the 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: 25m .  
Maximum liquid temperature: 40 °C (104 °F).  
Liquid pH range: 6-11.

## Available materials

Cover: Nodular Cast iron.  
Cylinder: Carbon Steel.  
Strainer: Carbon Steel.  
Impeller: High Chrome Cast Iron ( Stainless Steel also available)  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.

\*Specifications may be modified without prior notice.

# Slurry pumps



Standard version

# Bronco 9MD

Electric submersible slurry pumps

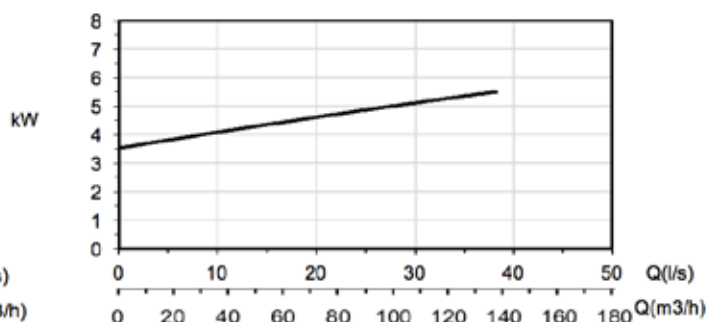
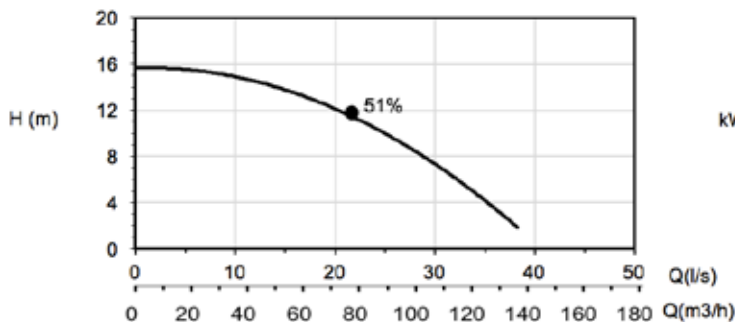
50 Hz

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.

50 Hz	MD
Power, kW	5.6
Tension, V	380-500
Nominal Current, A	15.7-12
Weight, kg	151
Max. height, mm	806
Max. diameter, mm	380
Discharge, inch	3-4
Strainer opening Ø, mm	25.4



## Models:

MD: Medium Duttty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1450 RPM  
Insulation class: H  
Start: Direct

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

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

## Mechanical seals

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

## Discharge connection

3" - 4" (\*)

## Limitations

Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 - 11.

## Available materials

Cover: Nodular Cast iron.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Agitator: High Chrome Cast Iron  
Wear plate: High Chrome Steel.  
Cover suction: Nodular Cast iron.  
Casing/volute: Nodular Cast iron.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.

\*Specifications may be modified without prior notice.

# Bronco 17MD

Electric submersible slurry pumps

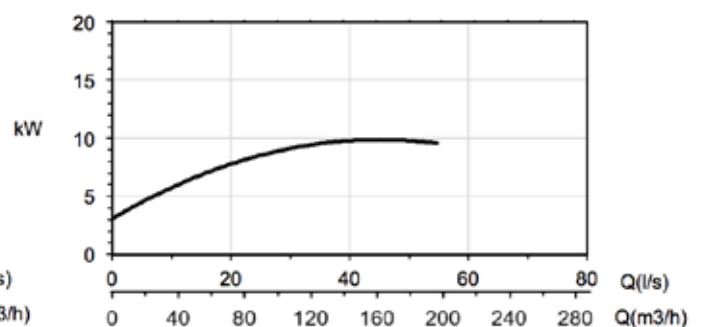
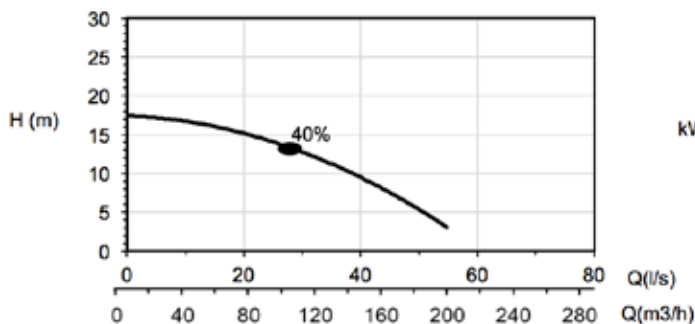
50 Hz

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.

50 Hz	MD
Power, kW	10.5
Tension, V	380-500
Nominal Current, A	22-17
Weight, kg	303
Max. height, mm	1200
Max. diameter, mm	465
Discharge, inch	4
Strainer opening Ø, mm	33



## Models:

MD: Medium Duty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1450 RPM  
Insulation class: H  
Start: Direct

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

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

## Mechanical seals

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

## Discharge connection

4" (\*)

## Limitations

Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Nodular Cast iron.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Agitator: High Chrome Cast Iron  
Wear plate: High Chrome Steel.  
Cover suction: Nodular Cast iron.  
Casing/volute: Nodular Cast iron.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.

\*Specifications may be modified without prior notice.

# Bronco 33MD

Electric submersible slurry pumps

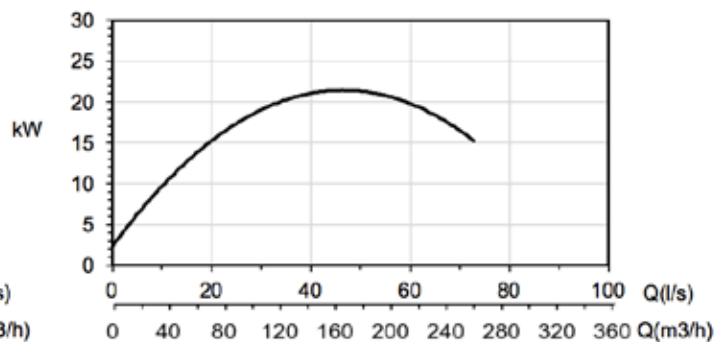
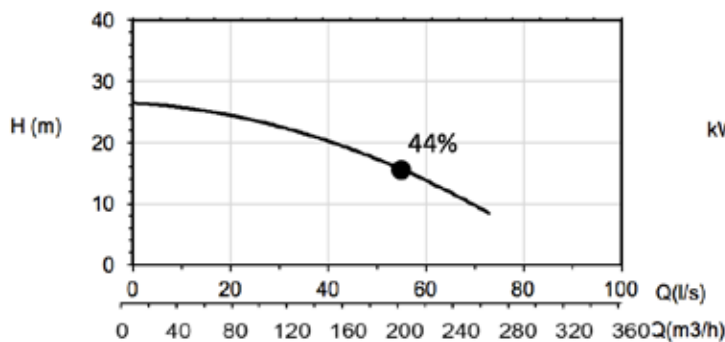
50 Hz

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.

50 Hz	MD
Power, kW	24.6
Tension, V	380-500
Nominal Current, A	50-38
Weight, kg	520
Max. height, mm	1310
Max. diameter, mm	549
Discharge, inch	4 – 6
Strainer opening Ø, mm	38



## Models:

MD: Medium Duttty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1450 RPM  
Insulation class: H  
Start: Direct

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

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

## Mechanical seals

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

## Discharge connection

4" – 6" (\*)

## Limitations

Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Nodular Cast iron.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Agitator: High Chrome Cast Iron  
Wear plate: High Chrome Steel.  
Cover suction: Nodular Cast iron.  
Casing/volute: Nodular Cast iron.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.

\*Specifications may be modified without prior notice.

# Bronco 66MD

Electric submersible slurry pumps

50 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.

50 Hz	MD
Power, kW	47
Tension, V	380-500
Nominal Current, A	117-89
Weight, kg	1100
Max. height, mm	1805
Max. diameter, mm	876
Discharge, inch	8
Strainer opening Ø, mm	36

## Models:

MD: Medium Duddy

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1450 RPM  
Insulation class: H  
Start: Star-Delta, Soft Starter

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

4G35 + 2x1.5mm<sup>2</sup>, 20m (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

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

## Discharge connection

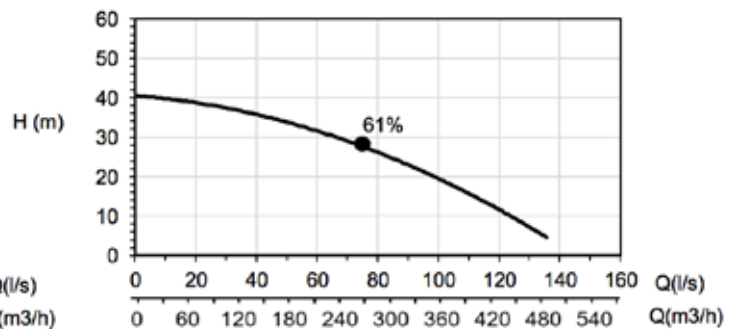
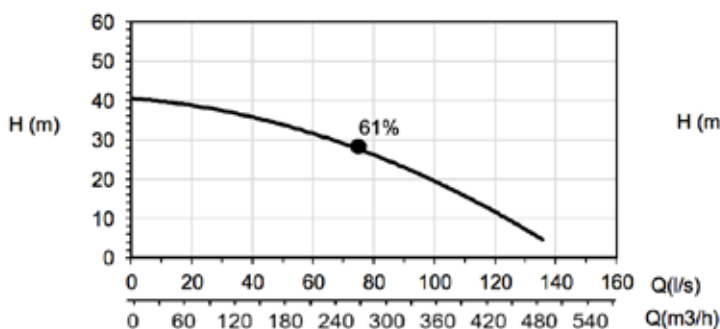
8" (\*)

## Limitations

Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Nodular Cast iron.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Agitator: High Chrome Cast Iron  
Wear plate: High Chrome Steel.  
Cover suction: Nodular Cast iron.  
Casing/volute: Nodular Cast iron.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.



\*Specifications may be modified without prior notice.

# Bronco 99MD

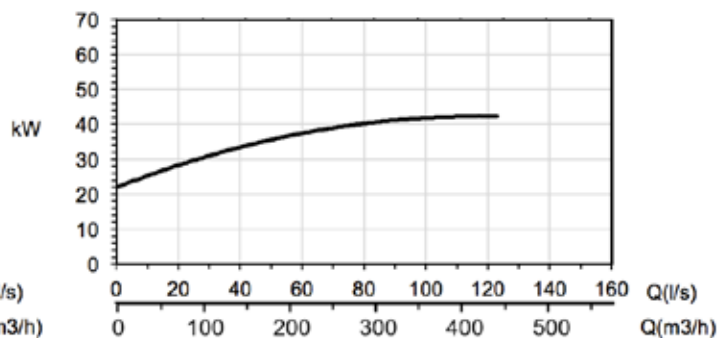
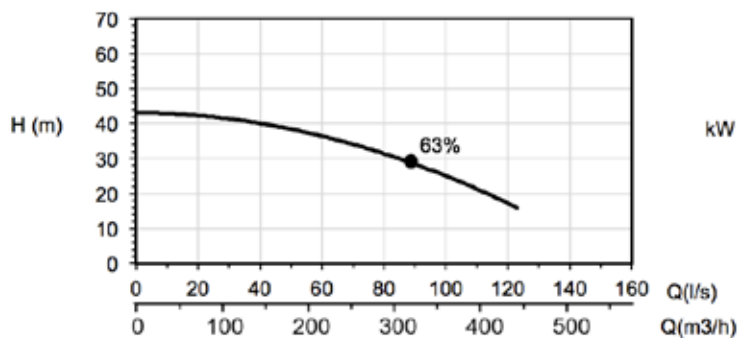
Electric submersible slurry pumps



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.

50 Hz	MD
Power, kW	60
Tension, V	380-500
Nominal Current, A	151-115
Weight, kg	1215
Max. height, mm	1805
Max. diameter, mm	990
Discharge, inch	8
Strainer opening Ø, mm	45



## Models:

MD: Medium Duttty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1450 RPM  
Insulation class: H  
Start: Star-Delta, Soft Starter

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

2 cables 4G35 + 2x1.5mm<sup>2</sup>, 20m (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

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

## Discharge connection

8" (\*)

## Limitations

Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Nodular Cast iron.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Agitator: High Chrome Cast Iron  
Wear plate: High Chrome Steel.  
Cover suction: Nodular Cast iron.  
Casing/volute: Nodular Cast iron.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.

\*Specifications may be modified without prior notice.



# Bronco 33HD

Electric submersible slurry pumps

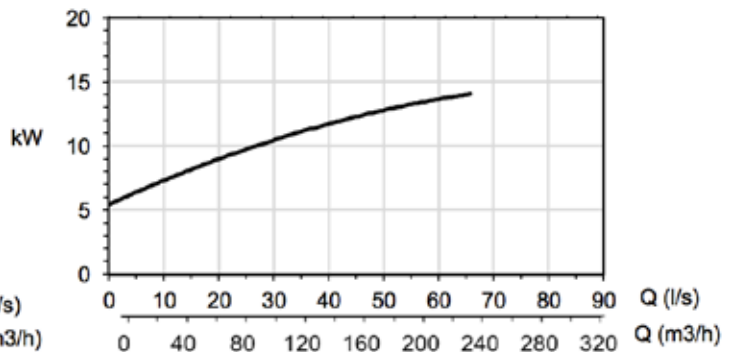
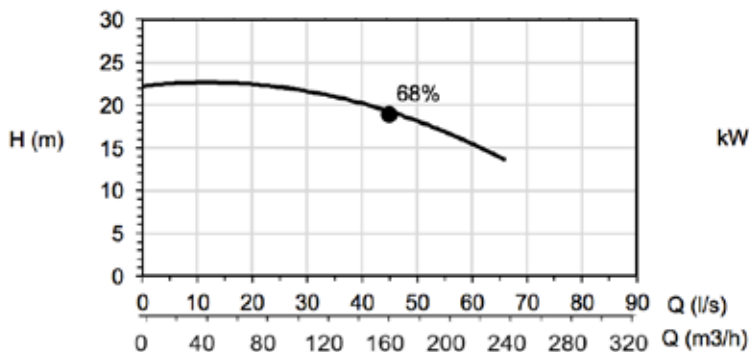
50 Hz

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.

50 Hz	HD
Power, kW	24.6
Tension, V	380-500
Nominal Current, A	59-38
Weight, kg	520
Max. height, mm	1224
Max. diameter, mm	724
Discharge, inch	4
Strainer opening Ø, mm	35



## Models:

HD: Heavy Duty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 985 RPM  
Insulation class: H  
Start: Direct, Star-Delta

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

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

## Mechanical seals

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

## Discharge connection

4" Flange ANSI 150 lb. (\*)

## Limitations

Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Nodular Cast iron.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Agitator: High Chrome Cast Iron  
Wear plate: High Chrome Steel.  
Cover suction: Nodular Cast iron.  
Casing/volute: Nodular Cast iron.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.

\*Specifications may be modified without prior notice.

# Bronco 66HD

Electric submersible slurry pumps

50 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.

50 Hz	HD
Power, kW	50
Tension, V	380-500
Nominal Current, A	96-73
Weight, kg	1095
Max. height, mm	1625
Max. diameter, mm	800
Discharge, inch	6
Strainer opening Ø, mm	50

## Models:

HD: Heavy Dutty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 989 RPM  
Insulation class: H  
Start: Star-Delta, Soft Starter

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

2 cables 4G16 + 2x1.5mm<sup>2</sup>, 20m (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

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

## Discharge connection

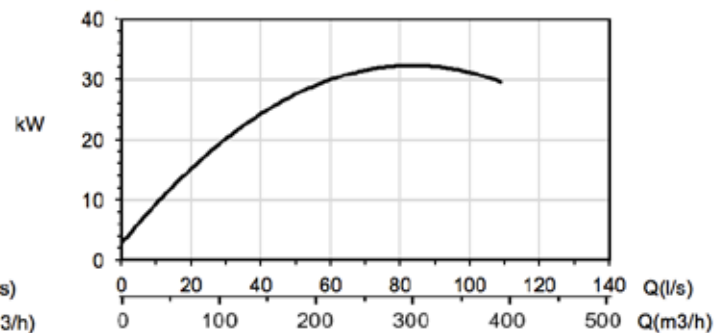
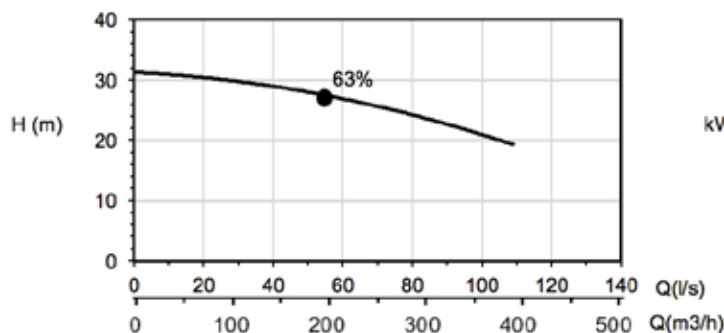
6" Flange ANSI 150 lb. (\*)

## Limitations

Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Nodular Cast iron.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Agitator: High Chrome Cast Iron  
Wear plate: High Chrome Steel.  
Cover suction: Nodular Cast iron.  
Casing/volute: Nodular Cast iron.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.



\*Specifications may be modified without prior notice.

# Bronco 99HD

Electric submersible slurry pumps

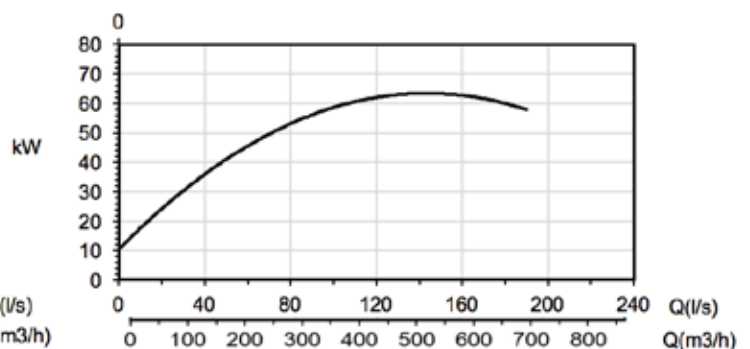
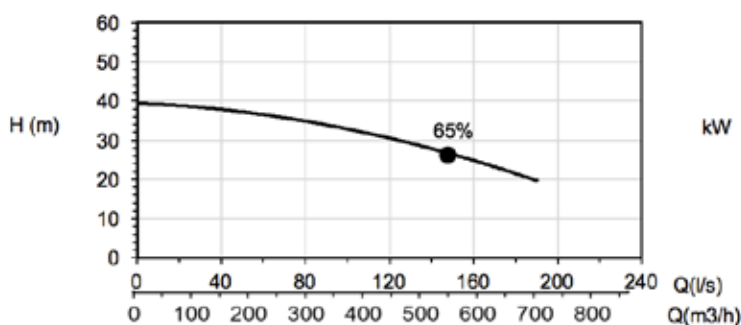
50 Hz

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.

50 Hz	HD
Power, kW	78
Tension, V	380-500
Nominal Current, A	218-166
Weight, kg	1900
Max. height, mm	1875
Max. diameter, mm	1250
Discharge, inch	8
Strainer opening Ø, mm	60



## Models:

HD: Heavy Duty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 950 RPM  
Insulation class: H  
Start: Soft Starter

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

2 cables 4G35 + 2x1.5mm<sup>2</sup>, 20m (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

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

## Discharge connection

8" Flange ANSI 150 lb. (\*)

## Limitations

Maximum submersion: 20 m  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Nodular Cast iron.  
Strainer: Stainless Steel.  
Impeller: High Chrome Cast Iron (Stainless Steel also available)  
Agitator: High Chrome Cast Iron  
Wear plate: High Chrome Steel.  
Cover suction: Nodular Cast iron.  
Casing/volute: Nodular Cast iron.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel.

\*Specifications may be modified without prior notice.

# Electric Excavator P650

50 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: 50Hz -1450RPM  
 Class insulation: H.  
 Start: Direct, Star-delta.  
 Protection: IP 68.  
 Voltage: 50 Hz: 380-500 V  
 Max temperature: 40°C (104°F)

## Gear Reducer

Torque max: 2540 - 2940 Nm  
 Ratio: 64/1  
 Speed: 50 Hz -22RPM

## Seal

Double lip seal.

## Bearings

Deep groove ball bearing C3.

## Dimensions

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

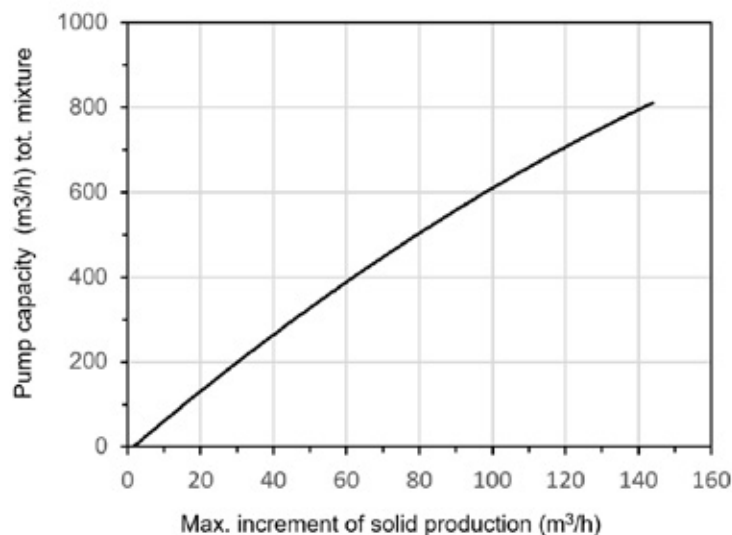
## Available materials

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



\*Specifications may be modified without prior notice.

# Electric Excavator P650

Application electric excavator

**Bronco 33HD**



**Bronco 66HD**



**Excavator P650**



**Bronco 99HD**

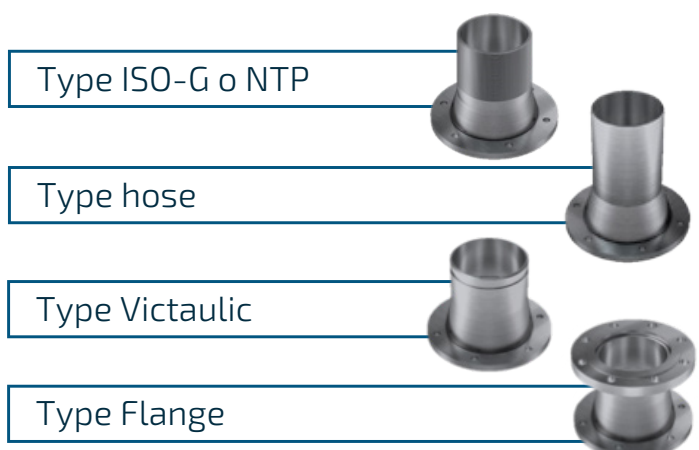


- Designed to increase solids capacity
- High abrasion resistance
- High Torque, working up to 70% solids.

\*Specifications may be modified without prior notice.

# Accessories

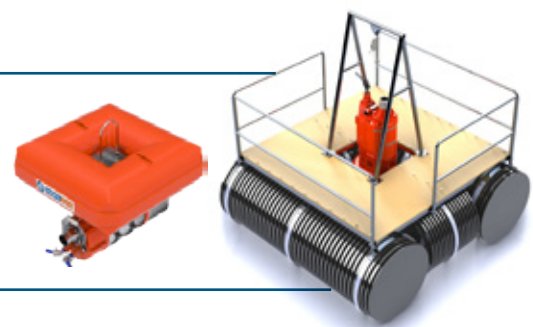
## Discharge accesories



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





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