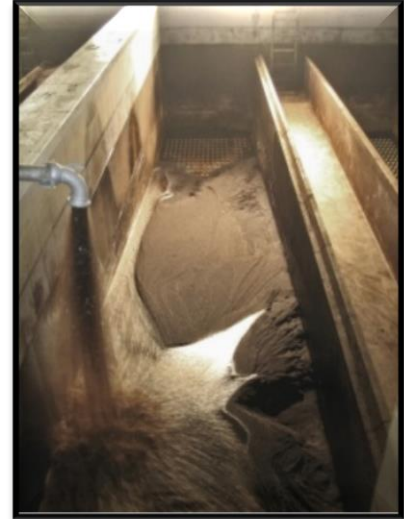


Electric Driven Heavy Duty Pump



- High abrasion resistance.
- Low rotation speed.
- Solid handling capacity of 70% by weight of material density.
- Pump capacity ranging from 30m³/hr to 1300 m³/hr.
- Pump power from 3.7 kW to 150 kW.
- Head capacity from 12 m to 55 m.



Applications

- ❖ Bentonite pumping.
- ❖ Civil emergencies.
- ❖ Dam dredging.
- ❖ Dewatering.
- ❖ Gravel extraction.
- ❖ Offshore platforms.
- ❖ Pumping aggregates in suspension.
- ❖ Sand mining
- ❖ Sewage treatment plant.
- ❖ Slurry pumping.
- ❖ Steel mill.

Electric pump **EL5**

Technical specifications:

Capacity:	30 m ³ /h
Head:	12 m
Voltage/Current:	230-400 V / 13.8-9 A
Weight:	200 Kg
Cross Section:	ø 20 mm
Impeller:	4 vanes open / ø 245 mm
Bore:	ø 80 mm

Electric motor:

Phases/poles/frequency:	3 / 4 / 50 Hz
Motor Output:	3.7 kW (5 HP)
Speed:	1450 R.P.M.
Motor Insulation:	Class F

Materials:

Main Body: spheroidal cast iron GS500.
Motor Housing: cast iron G25.

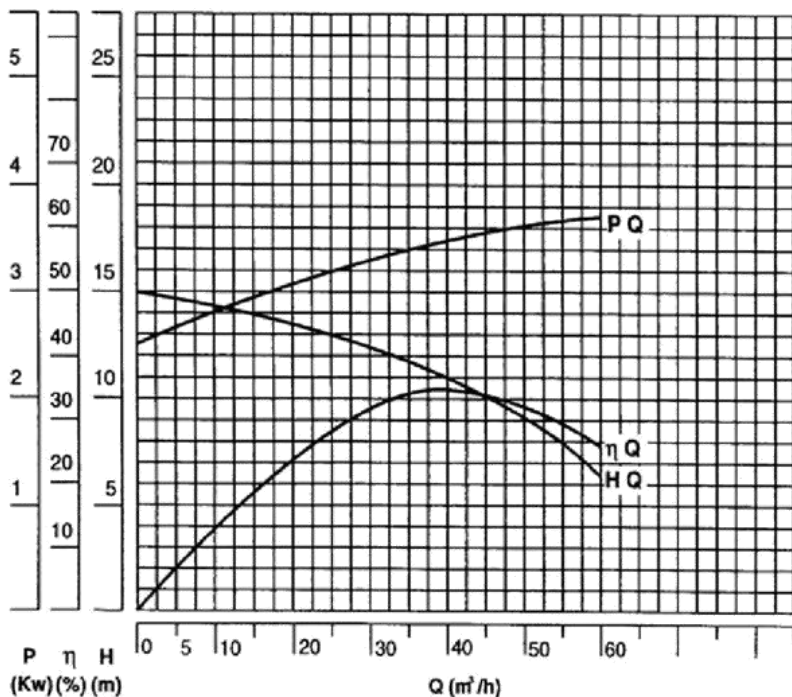
- ✚ Impeller - high chrome
- ✚ Wear Plate (adjustable) - high chrome
- ✚ Agitator - high chrome.

Main Shaft: austempering NiCrMo4 Steel.

Seals:

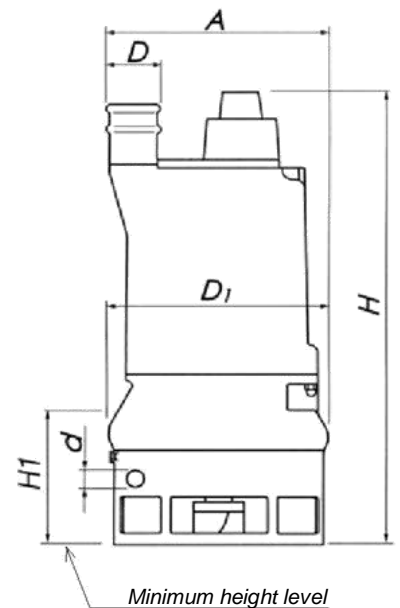
Motor Zone: double mechanical seal silicon carbide - silicon carbide in oil bath.
Impeller Zone: (alternate) no.2 compact polyurethane seals plus no.2 double rubber lip seals with stainless steel spring.

Performance Curve



Dimensions

A (mm)	387
d (mm)	20
D (mm)	80
D1 (mm)	357
H (mm)	783
H1 (mm)	170



EL7.5 pump

Technical specifications:

Capacity:	60 m ³ /h
Head:	12 m
Voltage/Current:	230-400 V / 20-12 A
Weight:	250 Kg
Cross Section:	ø 25 mm
Impeller:	4 vanes open / ø 260 mm
Bore:	ø 100 mm

Electric motor:

Phases/poles/frequency:	3 / 4 / 50 Hz
Motor Output:	5.5 kW (7.5 HP)
Speed:	1450 R.P.M.
Motor Insulation:	Class F

Materials:

Main Body: spheroidal cast iron GS500.
 Motor Housing: cast iron G25.

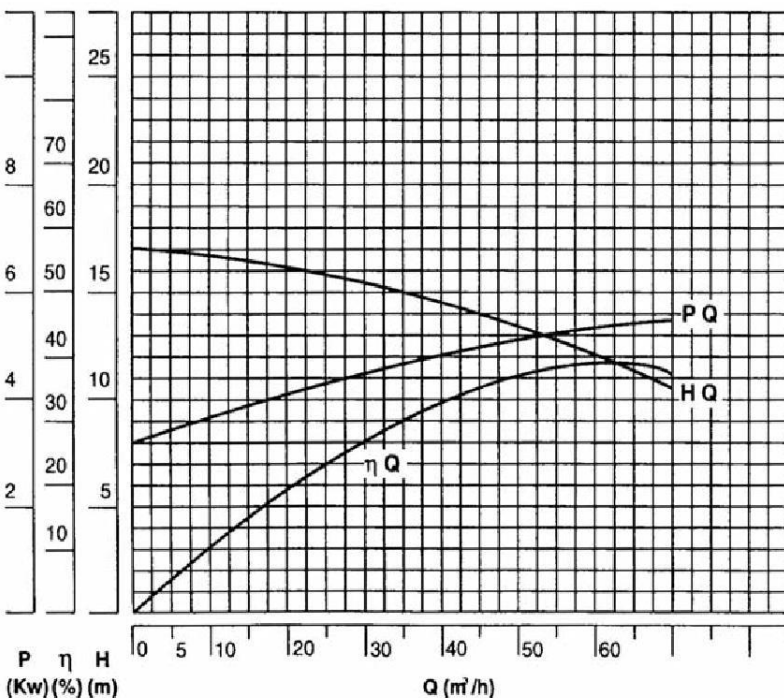
- ✚ Impeller - high chrome
- ✚ Wear Plate (adjustable) - high chrome
- ✚ Agitator - high chrome.

Main Shaft: austempering NiCrMo4 Steel.

Seals:

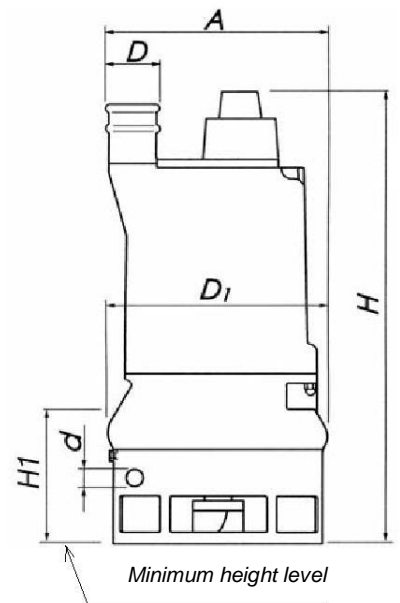
Motor Zone: double mechanical seal silicon carbide - silicon carbide in oil bath.
 Impeller Zone: (alternate) no.2 compact polyurethane seals plus no.2 double rubber lip seals with stainless steel spring.

Performance Curve



Dimensions

A (mm)	437
d (mm)	25
D (mm)	100
D1 (mm)	435
H (mm)	917
H1 (mm)	200



Electric **EL7.5 S** pump

Technical specifications:

Capacity:	60 m ³ /h
Head:	12 m
Voltage/Current:	230-400 V / 26-16 A
Weight:	260 Kg
Cross Section:	ø 25 mm
Impeller:	4 vanes open / ø 260 mm
Bore:	ø 100 mm

Electric motor:

Phases/poles/frequency:	3 / 4 / 50 Hz
Motor Output:	7,5 kW (10 HP)
Speed:	1450 R.P.M.
Motor Insulation:	Class F

Materials:

Main Body: spheroidal cast iron GS500.
Motor Housing: cast iron G25.

- ✚ Impeller - high chrome
- ✚ Wear Plate (adjustable) - high chrome
- ✚ Agitator - high chrome.

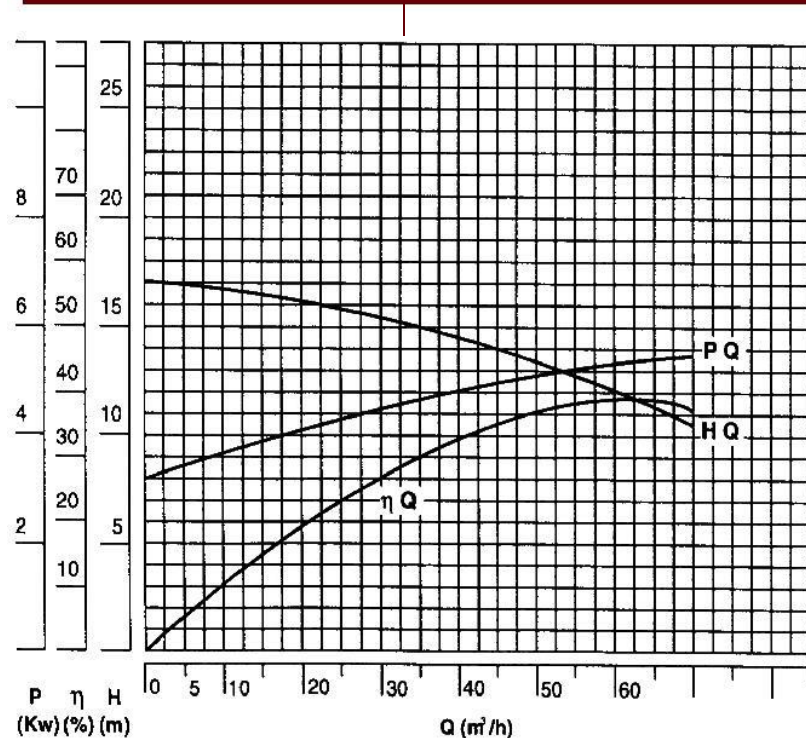
Main Shaft: austempering NiCrMo4 Steel.

Seals:

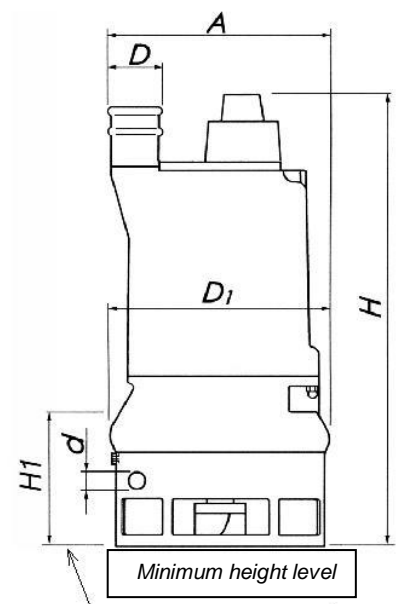
Motor Zone: double mechanical seal silicon carbide - silicon carbide in oil bath.
Impeller Zone: (alternate) no.2 compact polyurethane seals plus no.2 double rubber lip seals with stainless steel spring.

Performance Curve

Dimensions



A (mm)	437
d (mm)	25
D (mm)	100
D1 (mm)	435
H (mm)	917
H1 (mm)	200



EL10 pump

Technical specifications:

Capacity:	60 m ³ /h
Head:	15 m
Voltage/Current:	230-400 V / 26-16 A
Weight:	260 Kg
Cross Section:	ø 25 mm
Impeller:	4 vanes open / ø 300 mm
Bore:	ø 100 mm

Electric motor:

Phases/poles/frequency:	3 / 4 / 50 Hz
Motor Output:	7.5 kW (10 HP)
Speed:	1450 R.P.M.
Motor Insulation:	Class F

Materials:

Main Body: spheroidal cast iron GS500.
 Motor Housing: cast iron G25.

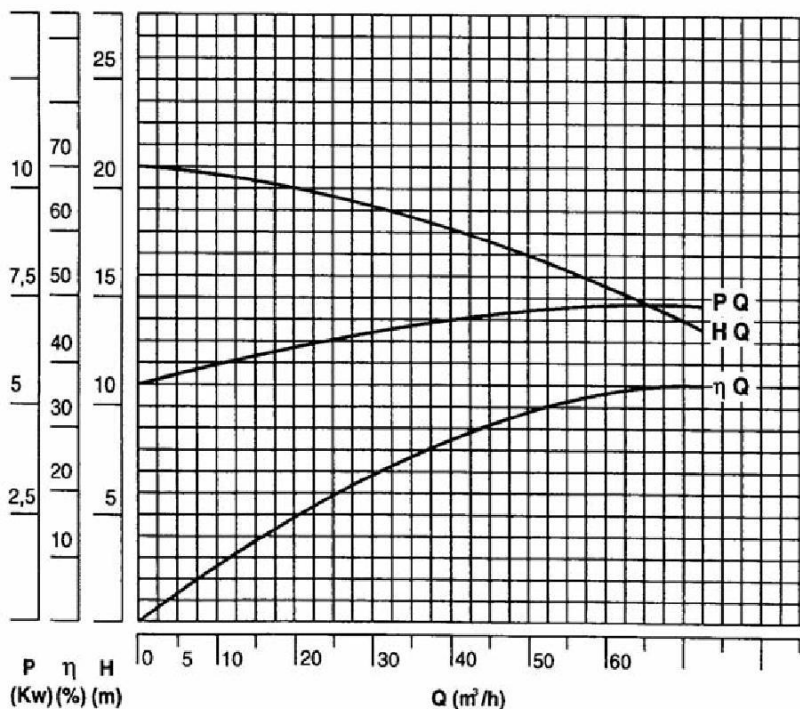
- ✚ Impeller - high chrome
- ✚ Wear Plate (adjustable) - high chrome
- ✚ Agitator - high chrome.

Main Shaft: austempering NiCrMo4 Steel

Seals:

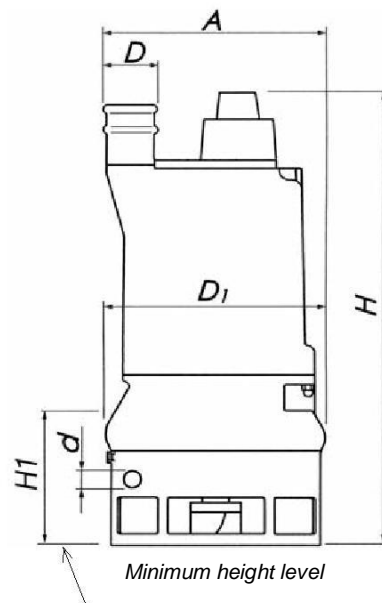
Motor Zone: double mechanical seal silicon carbide - silicon carbide in oil bath.
 Impeller Zone: (alternate) no.2 compact polyurethane seals plus no.2 double rubber lip seals with stainless steel spring.

Performance Curve



Dimensions

A (mm)	437
d (mm)	25
D (mm)	100
D1 (mm)	435
H (mm)	917
H1 (mm)	200



Electric **EL10 S** pump

Technical specifications:

Capacity:	60 m ³ /h
Head:	15 m
Voltage/Current:	230-400 V / 33-19 A
Weight:	270 Kg
Cross Section:	ø 25 mm
Impeller:	4 vanes open / ø 300 mm
Bore:	ø 100 mm

Electric motor:

Phases/poles/frequency:	3 / 4 / 50 Hz
Motor Output:	9 kW (12.5 HP)
Speed:	1450 R.P.M.
Motor Insulation:	Class F

Materials:

Main Body: spheroidal cast iron GS500.
Motor Housing: cast iron G25.

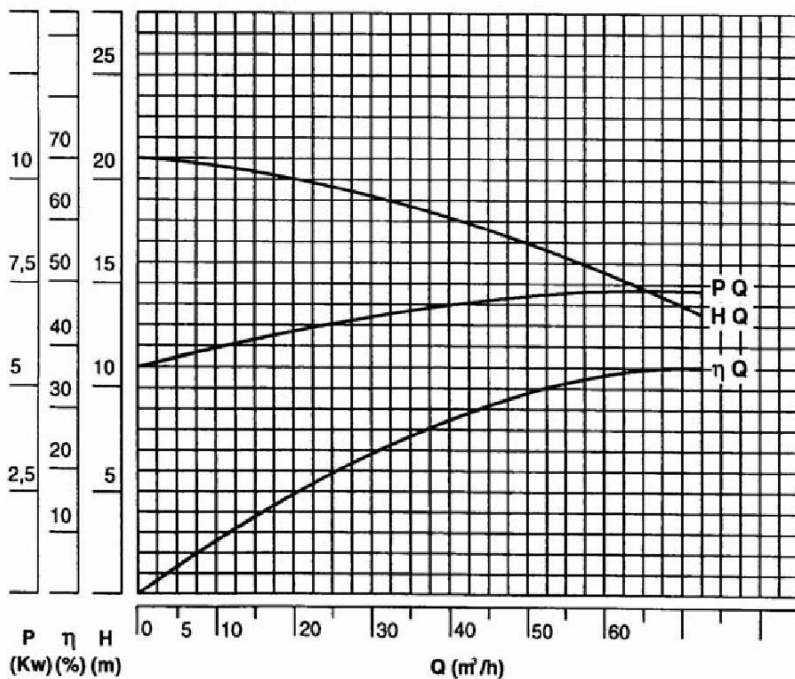
- ✚ Impeller - high chrome
- ✚ Wear Plate (adjustable) - high chrome
- ✚ Agitator - high chrome.

Main Shaft: austempering NiCrMo4 Steel

Seals:

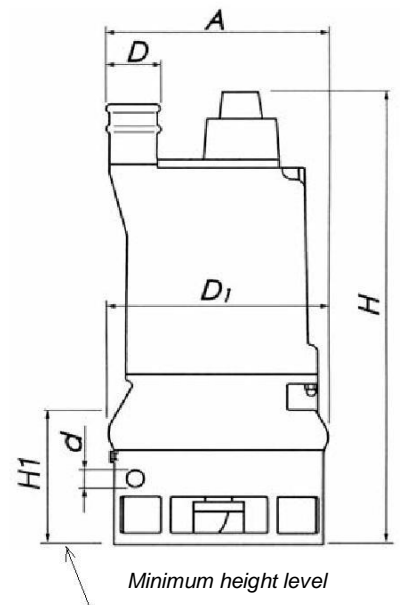
Motor Zon : double mechanical seal silicon carbide - silicon carbide in oil bath.
Impeller Zone: (alternate) no.2 compact polyurethane seals plus no.2 double rubber lip seals with stainless steel spring.

Performance Curve



Dimensions

A (mm)	437
d (mm)	25
D (mm)	100
D1 (mm)	435
H (mm)	917
H1 (mm)	200



EL 12.5 pump

Technical specifications:

Capacity:	60 m ³ /h
Head:	18 m
Voltage/Current:	230-400 V / 33-19 A
Weight:	270 Kg
Cross Section:	ø 25 mm
Impeller:	4 vanes open / ø 308 mm
Bore:	ø 100 mm

Electric motor:

Phases/poles/frequency:	3 / 4 / 50 Hz
Motor Output:	9 kW (12.5 HP)
Speed:	1450 R.P.M.
Motor Insulation:	Class F

Materials:

Main Body: spheroidal cast iron GS500.
 Motor Housing: cast iron G25.

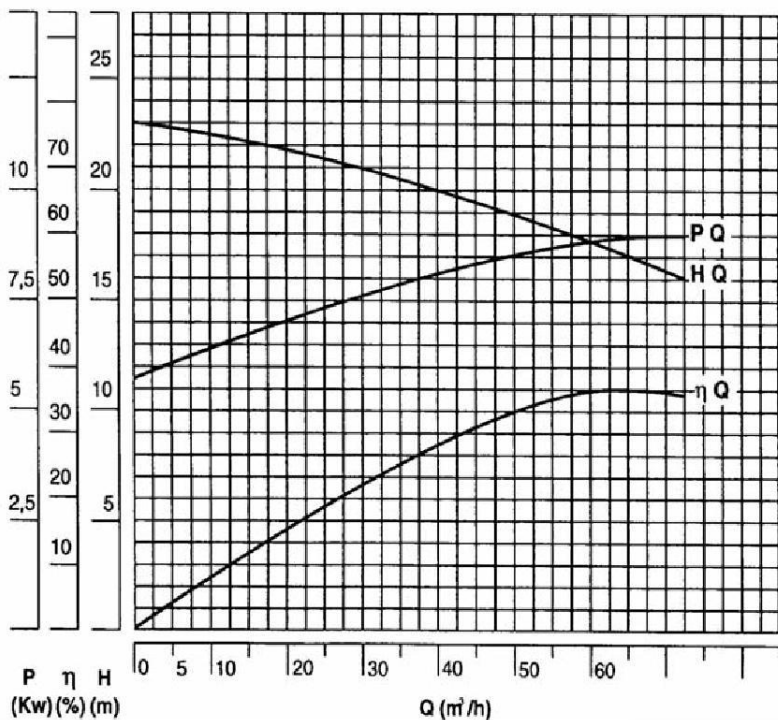
- ✚ Impeller - high chrome
- ✚ Wear Plate (adjustable) - high chrome
- ✚ Agitator - high chrome.

Main Shaft: austempering NiCrMo4 Steel

Seals:

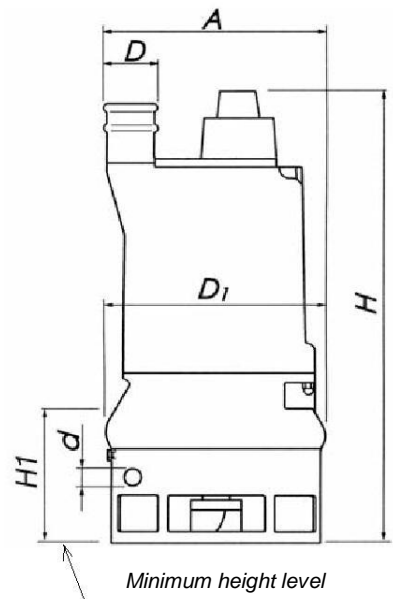
Motor Zone: double mechanical seal silicon carbide - silicon carbide in oil bath.
 Impeller Zone: (alternate) no.2 compact polyurethane seals plus no.2 double rubber lip seals with stainless steel spring.

Performance Curve



Dimensions

A (mm)	437
d (mm)	25
D (mm)	100
D1 (mm)	435
H (mm)	917
H1 (mm)	200



Electric **EL 12.5 S** pump

Technical specifications:

Capacity:	60 m ³ /h
Head:	18 m
Voltage/Current:	230-400 V / 38-23 A
Weight:	280 Kg
Cross Section:	ø 25 mm
Impeller:	4 vanes open / ø 308 mm
Bore:	ø 100 mm

Electric motor:

Phases/poles/frequency:	3 / 4 / 50 Hz
Motor Output:	11 kW (15 HP)
Speed:	1450 R.P.M.
Motor Insulation:	Class F

Materials:

Main Body: spheroidal cast iron GS500.
Motor Housing: cast iron G25.

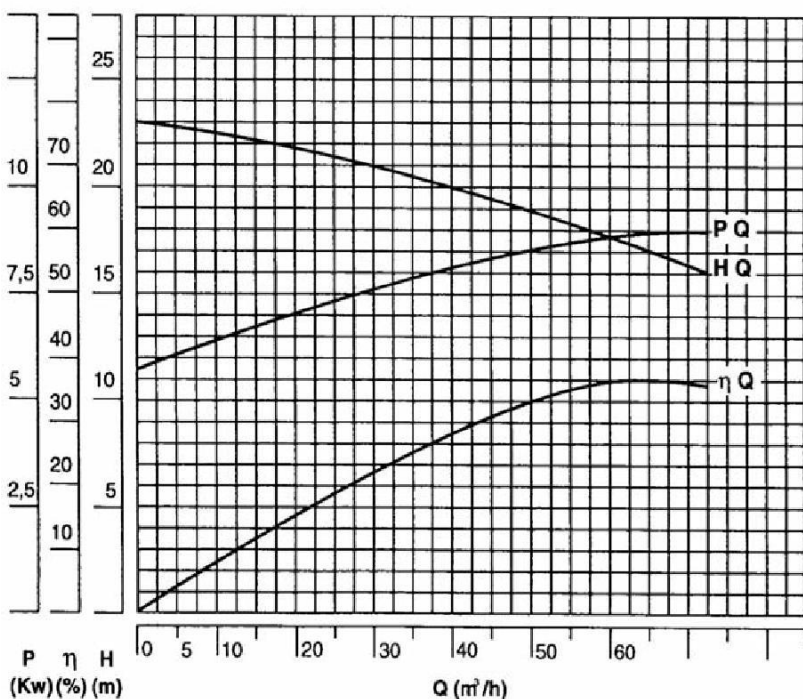
- ✚ Impeller - high chrome
- ✚ Wear Plate (adjustable) - high chrome
- ✚ Agitator - high chrome.

Main Shaft: austempering NiCrMo4 Steel

Seals:

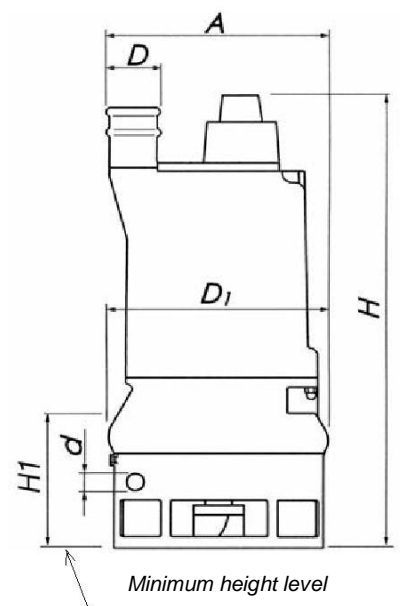
Motor Zone: double mechanical seal silicon carbide - silicon carbide in oil bath.
Impeller Zone: (alternate) no.2 compact polyurethane seals plus no.2 double rubber lip seals with stainless steel spring.

Performance Curve



Dimensions

A (mm)	437
d (mm)	25
D (mm)	100
D1 (mm)	435
H (mm)	917
H1 (mm)	200



Electric **EL 12.5 SS** pump

Technical specifications:

Capacity:	60 m ³ /h
Head:	18 m
Voltage/Current:	230-400 V / 46-28 A
Weight:	290 Kg
Cross Section:	ø 25 mm
Impeller:	4 vanes open / ø 308 mm
Bore:	ø 100 mm

Electric motor:

Phases/poles/frequency:	3 / 4 / 50 Hz
Motor Output:	13 kW (18 HP)
Speed:	1450 giri/min.
Motor Insulation:	Class F

Materials:

Main Body: spheroidal cast iron GS500.
Motor Housing: cast iron G25.

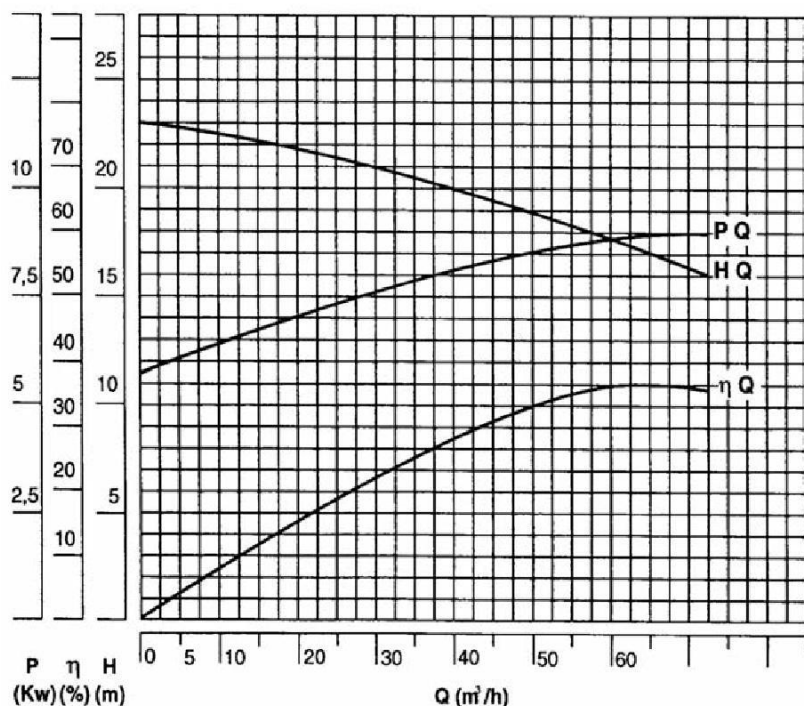
- ✚ Impeller - high chrome
- ✚ Wear Plate (adjustable) - high chrome
- ✚ Agitator - high chrome.

Main Shaft: austempering NiCrMo4 Steel

Seals:

Motor Zone: double mechanical seal silicon carbide - silicon carbide in oil bath.
Impeller Zone: (alternate) no.2 compact polyurethane seals plus no.2 double rubber lip seals with stainless steel spring.

Performance Curve



Dimensions

A (mm)	437
d (mm)	25
D (mm)	100
D1 (mm)	435
H (mm)	917
H1 (mm)	200

