

# Electric pump **EL12.5 S**

## Technical specifications:

|                  |                         |
|------------------|-------------------------|
| Capacity:        | 60 m <sup>3</sup> /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.

- 1) Impeller - high chrom.
- 2) Wear Plate (adjustable) - high chrom.
- 3) Agitator - high chrom.

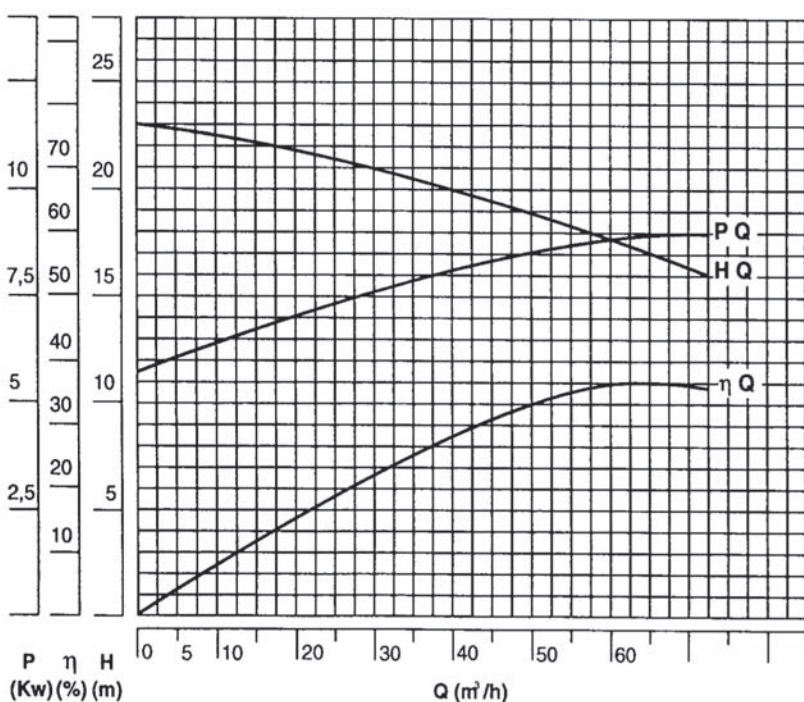
Main Shaft : austempering NiCrMo4 Steel.

## 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 |

