

Hydraulic pump **HY85/160**

Technical specifications:

| Model: | A | B |
|----------------|---------------------------|---------------------------|
| Capacity: | 250 m ³ /h | 500 m ³ /h |
| Head: | 51 m | 36 m |
| Weight: | 820 Kg | 840 Kg |
| Cross section: | Ø 60 mm | Ø 60 mm |
| Impeller: | 3 vaned closed / Ø 440 mm | 3 vaned closed / Ø 440 mm |
| Bore: | Ø 200 mm | Ø 250 mm |

Motor:

| | | |
|---------------------|-----------------|-----------------|
| Speed: | 1450 rpm | 1450 rpm |
| Output: | 115 Kw (156 HP) | 115 Kw (156 HP) |
| Need of oil: | 240 L/min | 240 L/min |
| Oil pressure: | 300 bar | 300 bar |
| Motor displacement: | 160 c. c. | 160 c. c. |

Materials:

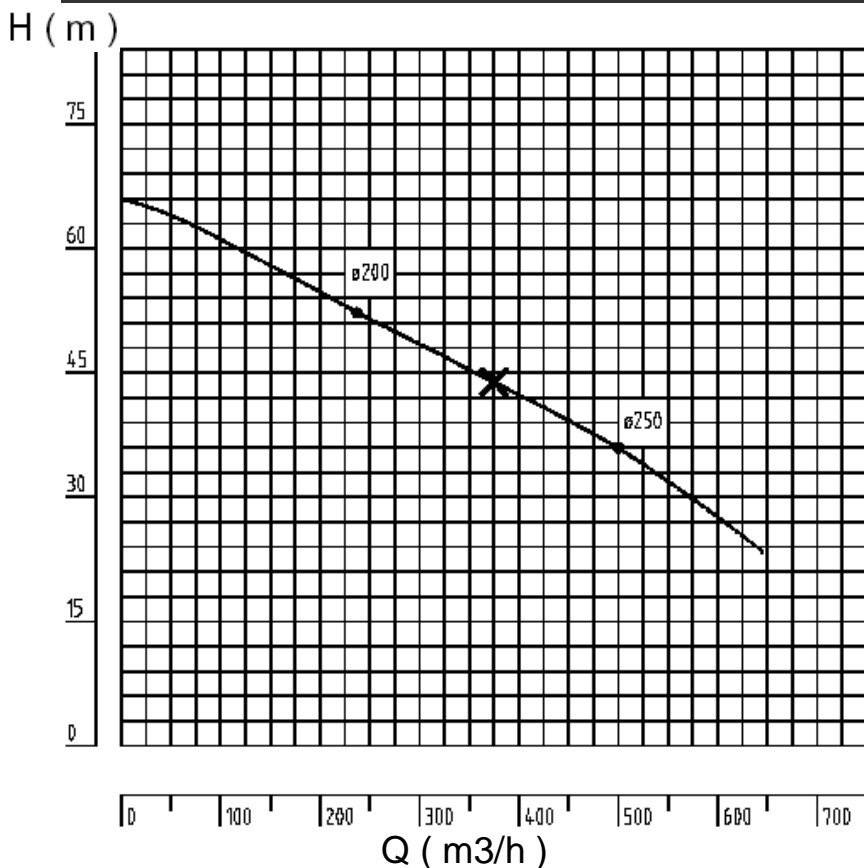
Main body: spheroidal cast iron GS500.
 Motor housing: cast iron GS5.
 Wearing parts: high chrom.
 Main shaft: austempering NiCrMo4 Steel.

Seals:

Seals motor zone: n° 2 rubber lip seals.
 Seals impeller zone: n° 1 polyuretane V-RING, n° 3 rubber lip seals, n° 2 PTFE lip seals with stainless steel spring (alternate).



Performance curve:



Dimensions:

| | |
|---------|------|
| A (mm) | 1390 |
| B (mm) | 460 |
| C (mm) | 548 |
| D (mm) | 747 |
| E (mm) | 334 |
| F (mm) | 362 |
| G (mm) | 428 |
| H1 (mm) | 290 |
| H2 (mm) | 197 |
| I (mm) | 933 |

