

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:

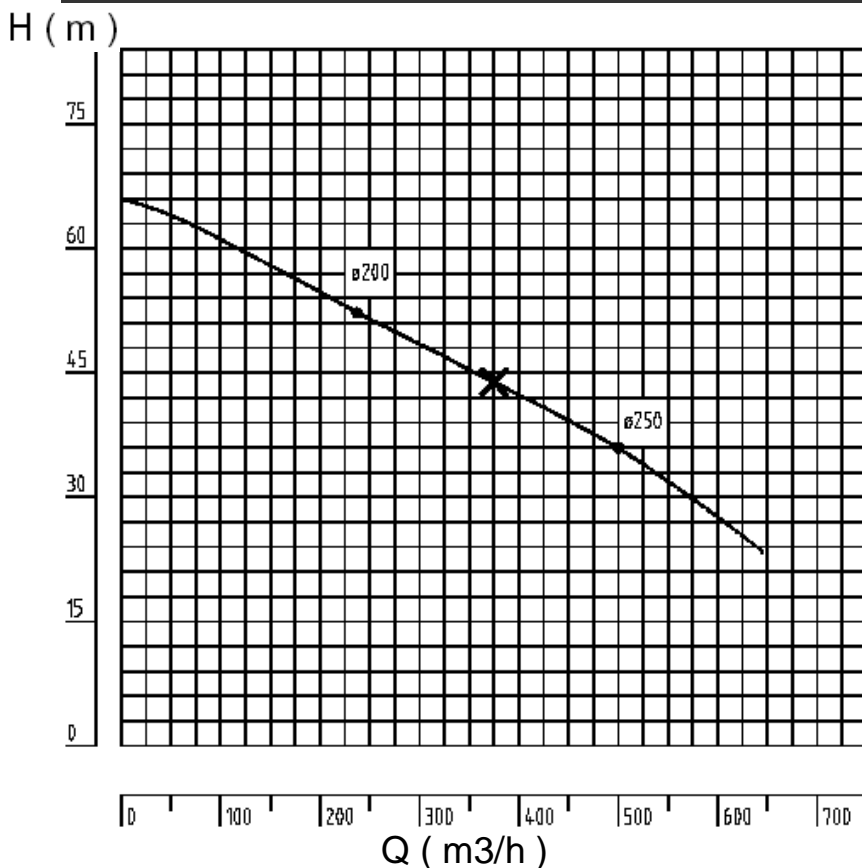
Main body: spheroidal cast iron GS500.
 Motor housing: cast iron GS5.
 Wearing parts: high chrom.
 Main shaft: austempering NiCrMo4 Steel.

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

