

Hydraulic pump **HY85/160HC**

Technical specifications:

Model:	
Capacity:	800 m ³ /h
Hrad:	18 m
Weight:	1100 Kg
Cross section:	Ø 90 mm
Impeller:	2 vanes closed / Ø 405 mm
Bore:	Ø 250 mm

Motor:

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

Materials:

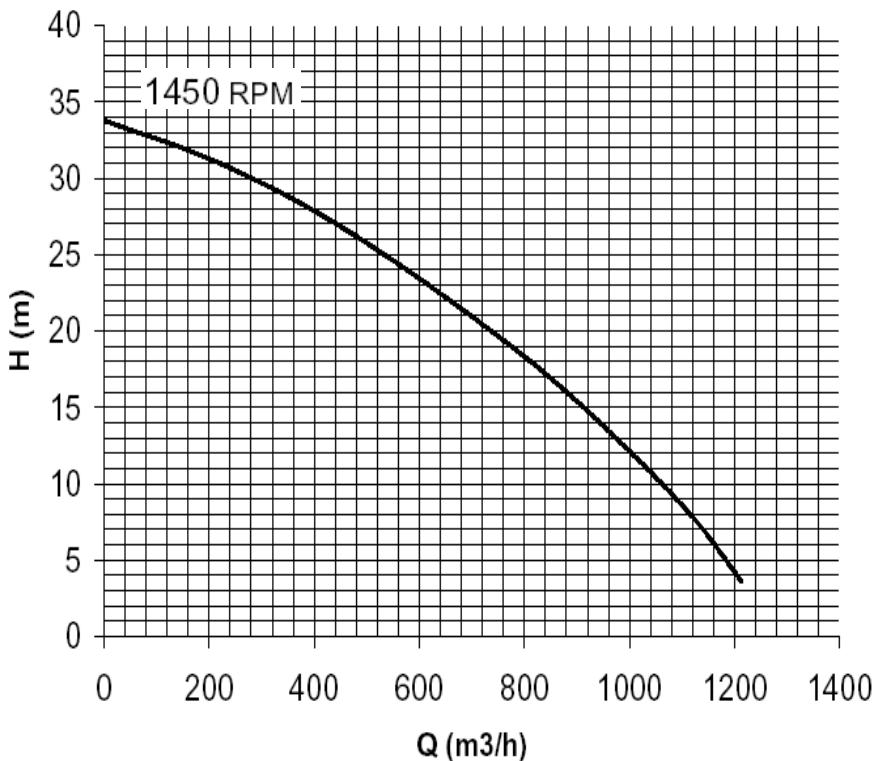
Main body: spheroidal cast iron GS500.
 Motor housing: cast iron GS5.
 Wearing parts: high chrom.
 Main shaft: austempering NiCrMo4 Steel.

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 curves:



Dimensions:

A (mm)	1470
B (mm)	460
C (mm)	548
D (mm)	1020
E (mm)	449
F (mm)	478
G (mm)	485
H1 (mm)	326
H2 (mm)	340
I (mm)	1165

