

Hydraulic pump **HY85A/B**

Technical specifications:

Model:	A	B
Capacity:	200-240 m ³ /h	350-420 m ³ /h
Head:	22-30 m	16-23 m
Weight:	700 Kg	720 Kg
Cross section:	ø 60 mm	ø 60 mm
Impeller:	3 vanes closed / ø 440 mm	3 vanes closed / ø 440 mm
Bore:	ø 150 mm	ø 200 mm

Motor:

Speed:	980-1180 R.P.M.	980-1180 R.P.M.
Output:	44-62 kW (60-85 HP)	44-62 kW (60-85 HP)
Need of oil:	106-130 L/min.	106-130 L/min.
Oil pressure:	250-300 bar	250-300 bar
Motor displacement:	108 c.c.	108 c.c.

Materiali:

Main Body: spheroidal cast iron GS500.

Motor Housing: cast iron G25.

Wearing parts: high chrom.

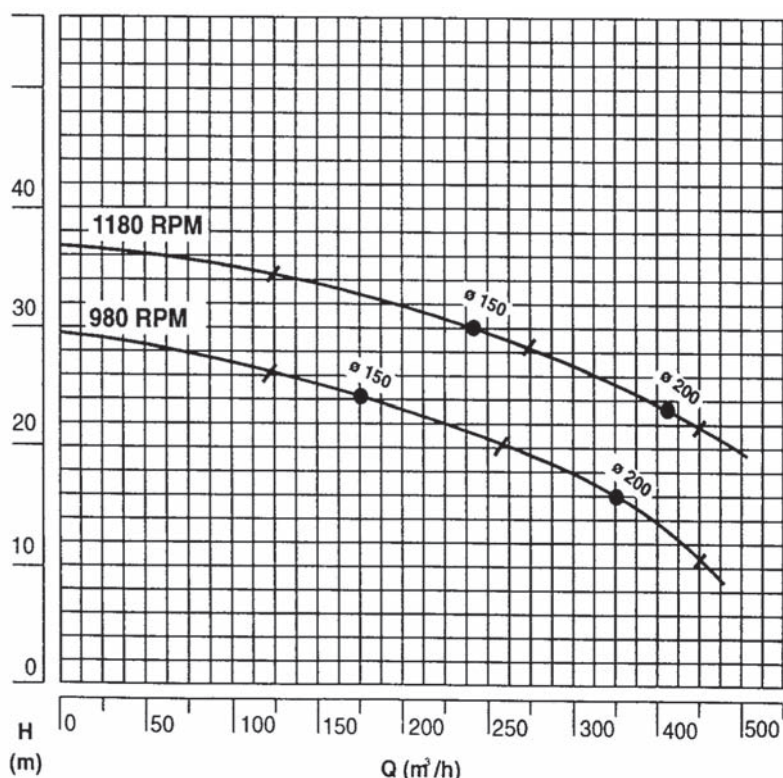
Main Shaft: austempering NiCrMo4 Steel.

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

