

Hydraulic pump **HY35A/B**

Technical specifications:

Model:	A	B
Capacity:	100-120 m ³ /h	140-170 m ³ /h
Head:	20-28 m	14-20 m
Weight:	500 Kg	515 Kg
Cross section:	ø 35 mm	ø 35 mm
Impeller:	3 vanes closed / ø 435 mm	3 vanes closed / ø 435 mm
Bore:	ø 100 mm	ø 150 mm

Motor:

Speed:	980-1180 R.P.M.	980-1180 R.P.M.
Output:	18.5-26 kW (25-35 HP)	18.5-26 kW (25-35 HP)
Need of oil:	54-65 L/min.	54-65 L/min.
Oil pressure:	210-250 bar	210-250 bar
Motor displacement:	55 c.c.	55 c.c.

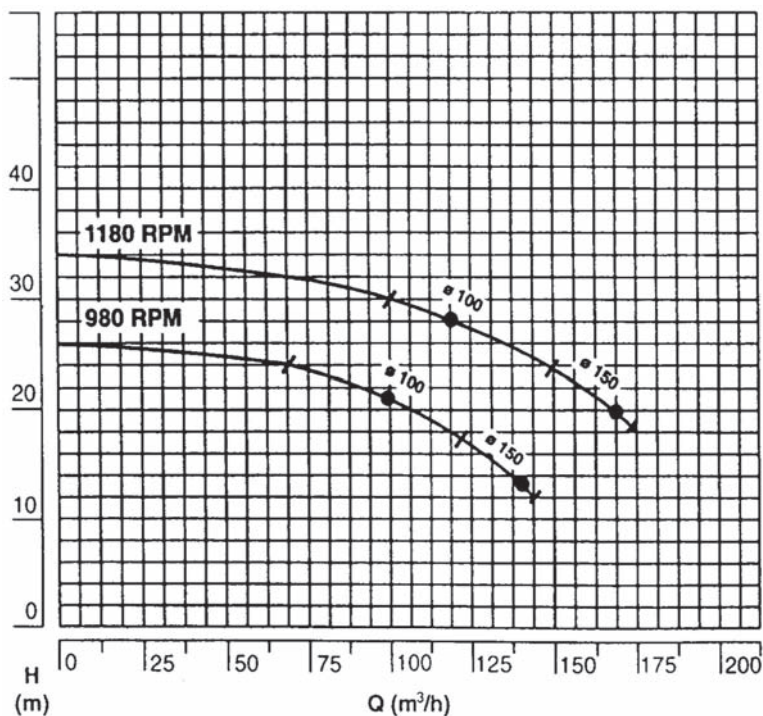
Materials:

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)	1210
B (mm)	420
C (mm)	540
D (mm)	667
E (mm)	323
F (mm)	327
G (mm)	380
H1 (mm)	270
H2 (mm)	145
I (mm)	818

