

# Hydraulic pump **HY300A/B**

## Technical specifications:

Model:	A	B
Capacity:	720-900 m <sup>3</sup> /h	900-1200 m <sup>3</sup> /h
Head:	22-34 m	18-28 m
Weight:	3500 Kg	3540 Kg
Cross section:	ø 120 mm	ø 120 mm
Impeller:	2 vanes closed / ø 760 mm	2 vanes closed / ø 760 mm
Bore:	ø 250 mm	ø 300 mm

## Motor:

Speed:	600-750 R.P.M.	600-750 R.P.M.
Output:	110-214 kW (150-292 HP)	110-214 kW (150-292 HP)
Need of oil:	300-375 L/min.	300-375 L/min.
Oil pressure:	230-350 bar	230-350 bar
Motor displacement:	500 c.c.	500 c.c.

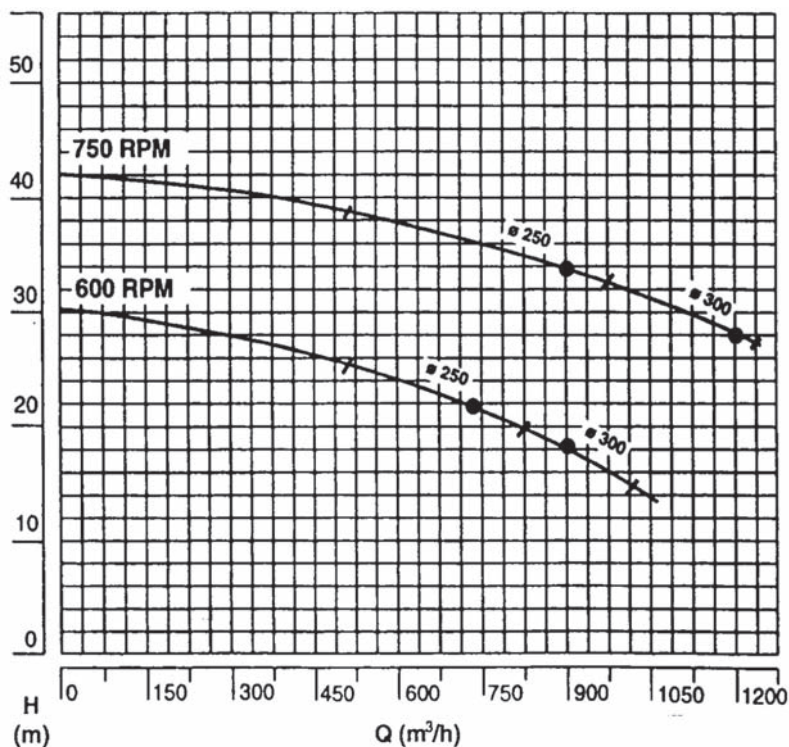
## Materials:

Main Body: spheroidal cast iron GS500.  
 Motor Housing: cast iron G25.  
 Wearing parts: high chrom.  
 Main Shaft: austempering NiCrMo4 Steel.

## Seals:

Seal motor zone: n°2 rubber lip seals n°1 PTFE lip seals.  
 Seal impeller zone: n°3 rubber lip seals n°2 PTFE lip seals with stainless steel spring (alternate).

## Performance Curve



## Dimensions

A (mm)	2400
B (mm)	640
C (mm)	1015
D (mm)	1357
E (mm)	576
F (mm)	652
G (mm)	750
H1 (mm)	470
H2 (mm)	453
I (mm)	1600

