

# Hydraulic pump **HY400A/B**

## Technical specifications:

Model:	A	B
Capacity:	950-1000 m <sup>3</sup> /h	1100-1200 m <sup>3</sup> /h
Head:	34-42 m	28-34 m
Weight:	3550 Kg	3600 Kg
Cross section:	ø 120 mm	ø 120 mm
Impeller:	3 vanes closed / ø 760 mm	3 vanes closed / ø 760 mm
Bore:	ø 300 mm	ø 350 mm

## Motor:

Speed:	750-850 R.P.M.	750-850 R.P.M.
Output:	239-295 kW (320-400 HP)	239-295 kW (320-400 HP)
Need of oil:	535-605 L/min.	535-605 L/min.
Oil pressure:	270-300 bar	270-300 bar
Motor displacement:	710 c.c.	710 c.c.

## Materials:

Main Body: spheroidal cast iron GS500.

Motor Housing: cast iron G25.

Wearing parts: high chrom.

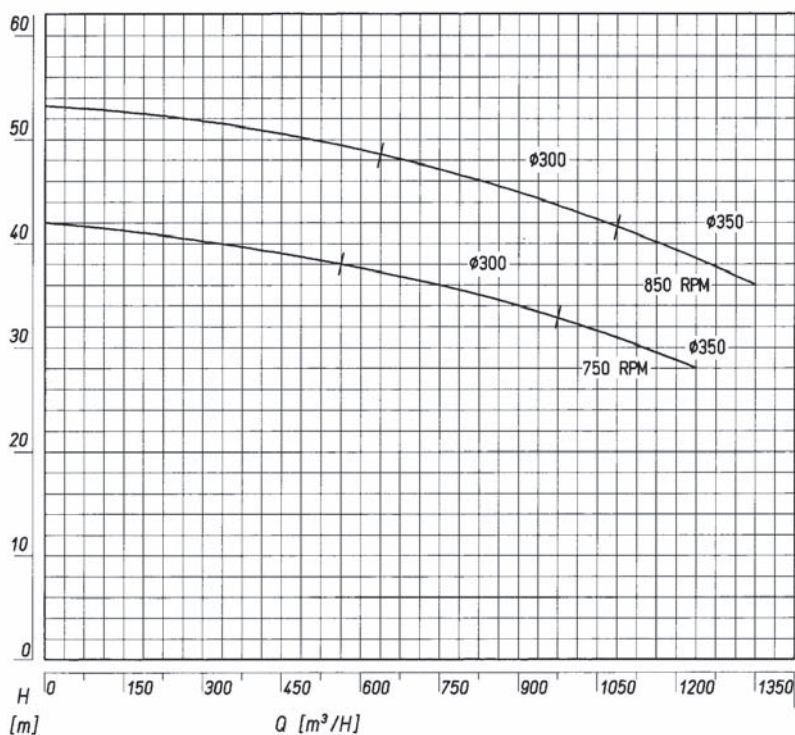
Main Shaft: austempering NiCrMo4 Steel.

## 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

