INTELLY 120

Horizontal multistage pump with integrated inverter control





Technopolymer check-valve with flow control disc and calibrated spring in AISI 316

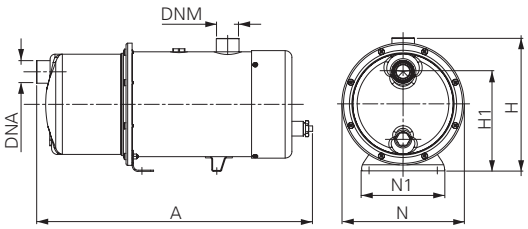
Description

INTELLY uses the most advanced Steelpumps technology to ensure a constant pressure based on demand and, consequently, an optimization of energy consumption, also guaranteeing a reduction in noise levels. The presence of a smart communication display and the choice of the pump's operating point is very simple, intuitive, and achievable without particular programming. Protection against dry running and an anti-blocking system every 72 hours of inactivity of the pump. The pump ensures a constant pressure comfort (adjustable set point) in the system and significant energy savings.

Applications

- Domestic boosting
- Irrigation
- Water treatment plants
- Industrial washing and cooling
- Use of rainwater
- Depth max 5 m

Pumped liquid:
Clean water without any abrasive or suspended solids
Liquid temperature +2°C ÷ +40°C
Air temperature Max +45°C

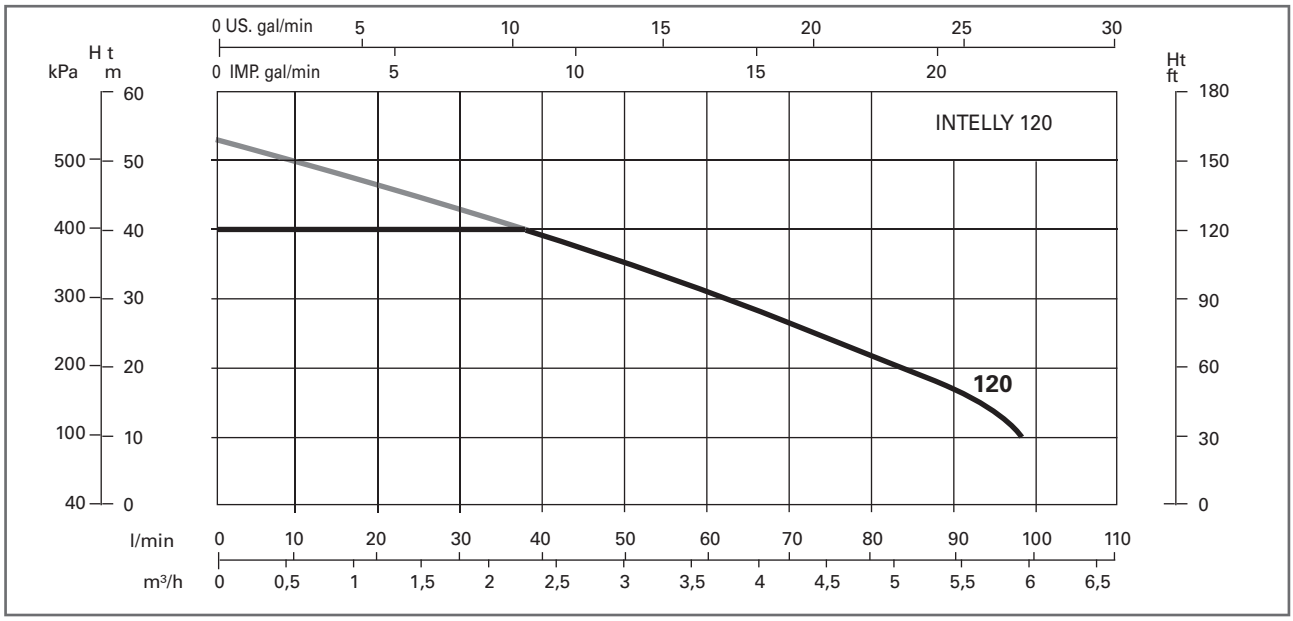


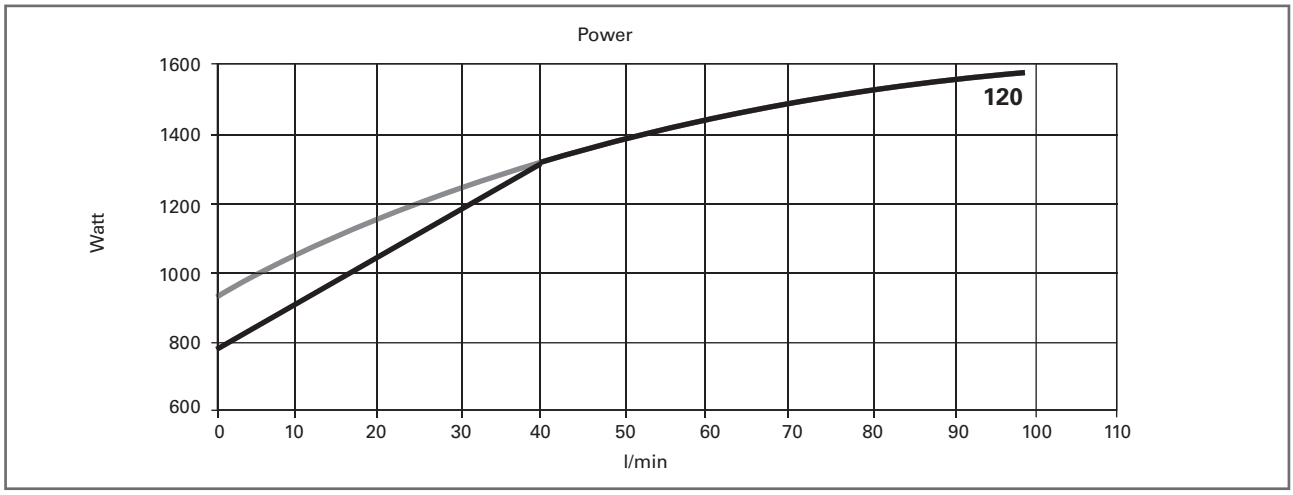
Materials

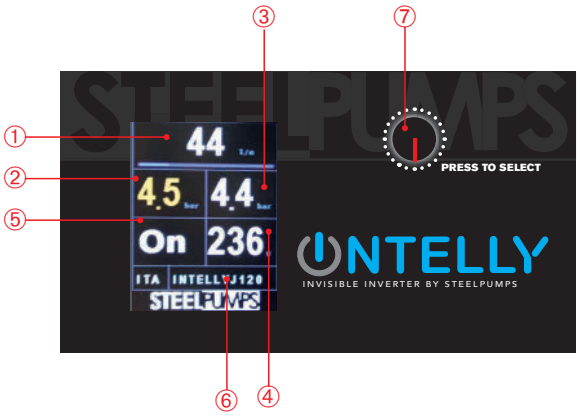
- Pump body and motor in AISI 304
- Brass and technopolymer motor support (flanges)
- Shaft in AISI 420
- Diffuser: Technopolymer Noryl
- Impeller: Stainless Steel AISI304
- Dumping: rubber
- Mechanical seal: ceramic / graphite
- A2 Bolts
- NBR70 O-ring
- ADB LIYY-HZO Electric cable 10m length
- Inverter electronic board according to Rohs standards
- Class F insulated motor
- Control box with display
- Plastic flow sensor
- Oil chamber on the mechanical seal

Code	P_2 Nom.		1 ~ 50Hz Amp.	Stadi	Q (l/m) FLOW								Dimensions mm							Weight Kg
					0	30	40	50	60	70	80	90								
	Hp	kW	230 V		Total Hm in CA								A	N	H	H1	N1	DNM	DNA	
INTELLY 120	1,2	0,90	8,8	5	52	43	40	35	30	25	20	15	477	200	226	163	136	1"¼	1"	17,5

Curves and performance η = 2900 1/min







INTELLY Control Panel with fast connector

- *Operation parameters setting*
- *System diagnostic*
- *Historical memory*
- *Monitoring*

1 - Flow detected
2 - Pressure detected
3 - Set pressure (Fail Safe)
4 - Supply voltage
5 - Pump status
6 - Pump model
7 - Programming button

