

XAMO FLO



Horizontal multistage pump with electronic system and float switch



Technopolymer check valve with flow control disc and spring in AISI 316 standard equipment

Description

Up/Down technology for submersed, surface or underground installation
Automatic system of water supply; dry-running protection
Antiblocking system every 72 hours of pump inactivity
Protection rating IP 68

Applications

- Domestic boosting
- Medium sprinkling and surface irrigations
- Tank drainage and transfers
- Industrial washing and cooling
- Systems for water treatment

Pumped liquid:

Clean water with no abrasive or suspended solids

Liquid temperature +2°C ÷ +40°C

Air temperature max +45°C

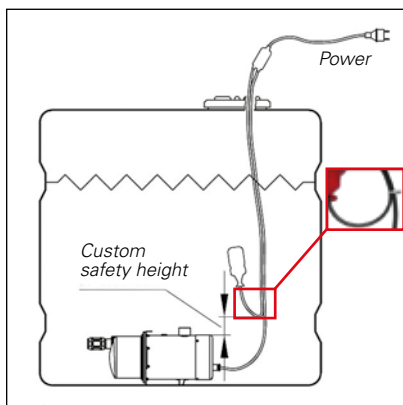
Depth max 5 m

Calibrating pressure rate switch 2.2 bar

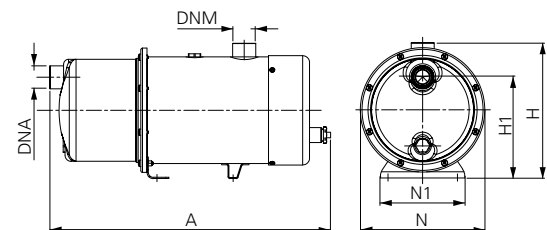
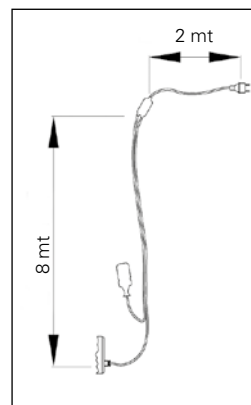
Materials

- Motor body, impellers and pump body: Stainless steel AISI 304
- Brass flange
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Stainless steel AISI 304
- Basis: Stainless steel AISI 304
- Dumping feet: rubber
- Mechanical seal: Graphite ceramics
- Oil chamber on the mechanical seal
- A2 Stainless steel bolts
- NBR70 O-ring
- H07RN8-F Electric cable 10m length with Schuko plug
- Float switch with double insulation
- Tropicalized circuit board in compliance with the RoHS directive
- Class F insulated motors

Tank installation

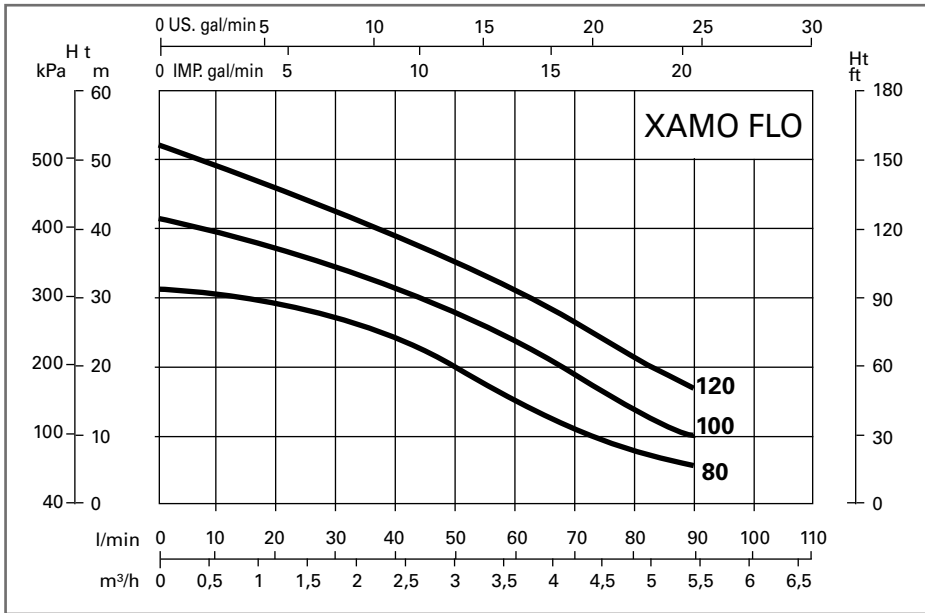


Power cable measures



Code	P ₂ Nom.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lt/m) Flow								Dimensions mm						Wgt. kg		
	kW	Hp				230 V	Total Hm in CA								A	N	H	H1	N1		DNM	DNA
							0	30	40	50	60	70	80	90								
AUTO 1-PH	XAMO80FLO	0,60	0,8	5,15	16	3	33	28	23	20	18	13	10	7	447	200	226	163	136	1"¼	1"	15,5
	XAMO100FLO	0,75	1	6,0	18	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	16
	XAMO120FLO	0,90	1,2	7,2	20	5	52	43	40	35	30	25	20	15	477	200	226	163	136	1"¼	1"	17

Curves and performance $\eta = 2900$ 1/min



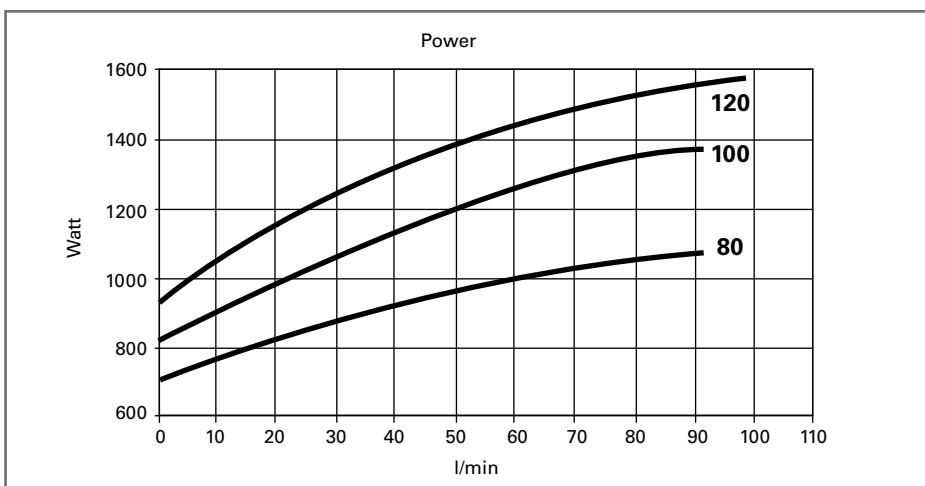
*Impeller Stainless steel
AISI 304*



Front basis



Float switch



Brass motor support