

# XAMO B CE



## Horizontal multistage pump with electronic system and external capacitor



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

### 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 IP68

### Applications

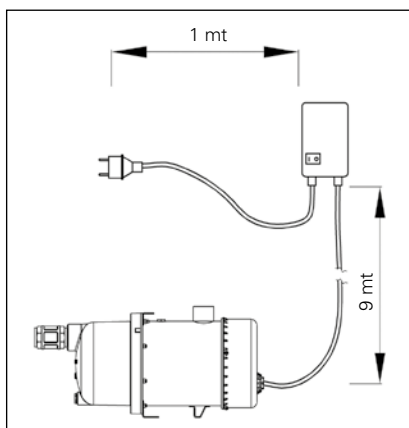
- Domestic boosting
- Medium sprinkling and surface irrigations
- Tank drainage and transfers
- Industrial washing and cooling
- Systems for water treatment

Pumped liquid:

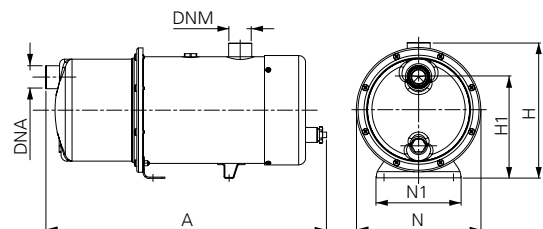
Clean water with no abrasive or suspended solids  
Liquid temperature +2°C ÷ +40°C  
Air temperature max +45°C  
Depth max 5 m  
Calibrating pressure rate switch 2.2 bar

### Materials

- Motor body, impellers and pump body: Stainless steel AISI 304
- Technopolymer flange
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Polypropilene
- 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 9 m length pump/box
- H07RN8-F Electric cable 1 m length with Schuko plug
- Tropicalized circuit board in compliance with the RoHS directive
- External capacitor box: protection rating IP55
- Class F insulated motors

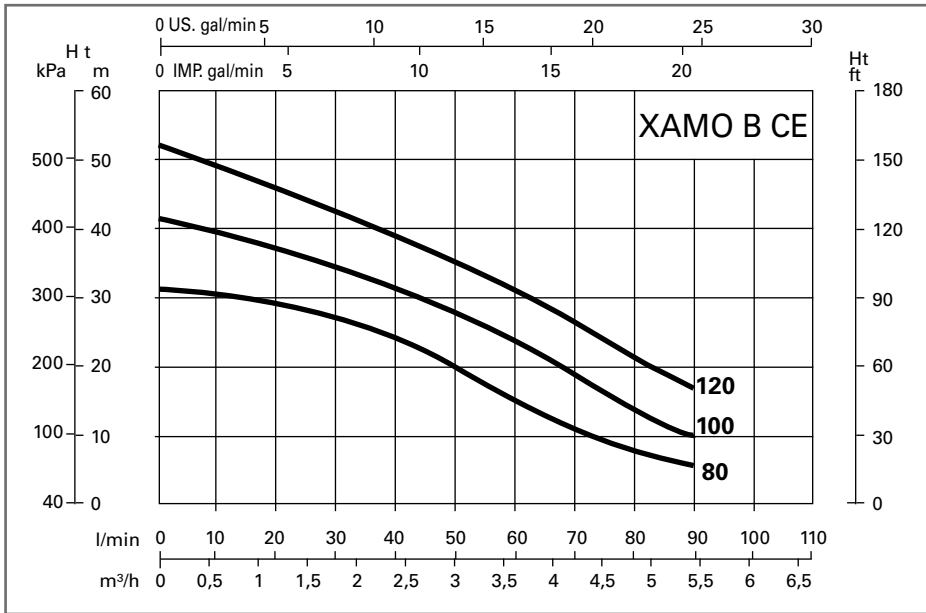


External box capacitor



Code	P <sub>2</sub> Nom.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lt/m) Flow								Dimensions mm						Wgt. kg		
	kW	Hp				0	30	40	50	60	70	80	90	A	N	H	H1	N1	DNM		DNA	
	Total Hm in CA																					
AUTO 1-PH	XAMO80BCE	0,60	0,8	5,15	16	3	33	28	23	20	18	13	10	7	447	200	226	163	136	1"¼	1"	14,5
	XAMO100BCE	0,75	1	6,0	18	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	15
	XAMO120BCE	0,90	1,2	7,2	20	5	52	43	40	35	30	25	20	15	477	200	226	163	136	1"¼	1"	16

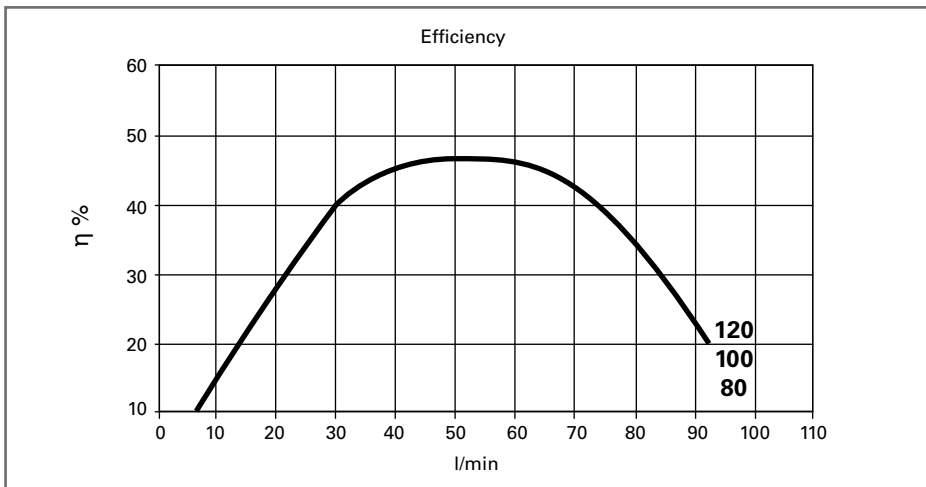
**Curves and performance  $\eta = 2900$  1/min**



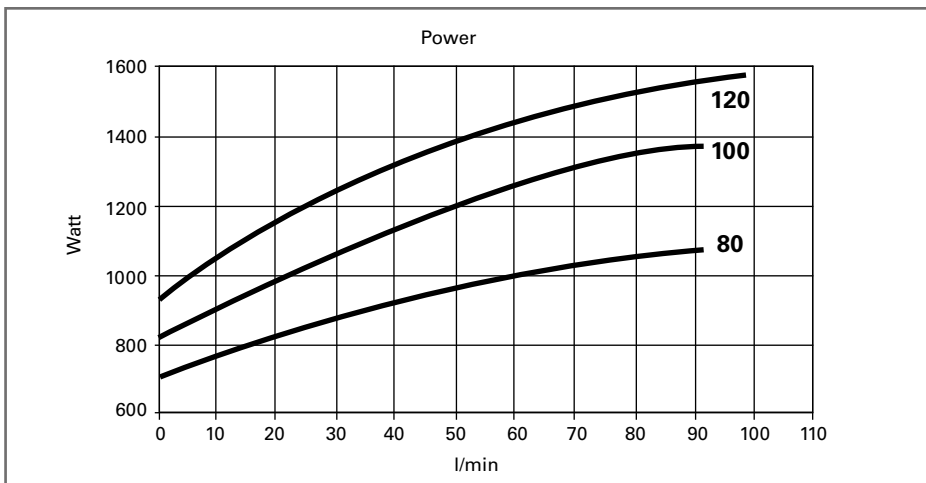
Impeller Stainless steel  
AISI 304



Cable fixing handle



Capacitor box



Technopolymer motor support