

Horizontal multistage pump with electronic system



Technopolymer check valve with flow control disc and spring in AISI 316 (standard equipment in automatic version)

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 $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

Air temperature max $+45^{\circ}\text{C}$

Depth max 5 m

Calibrating pressure rate switch 1,5 bar

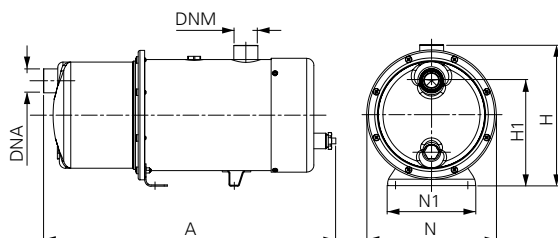
Description

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

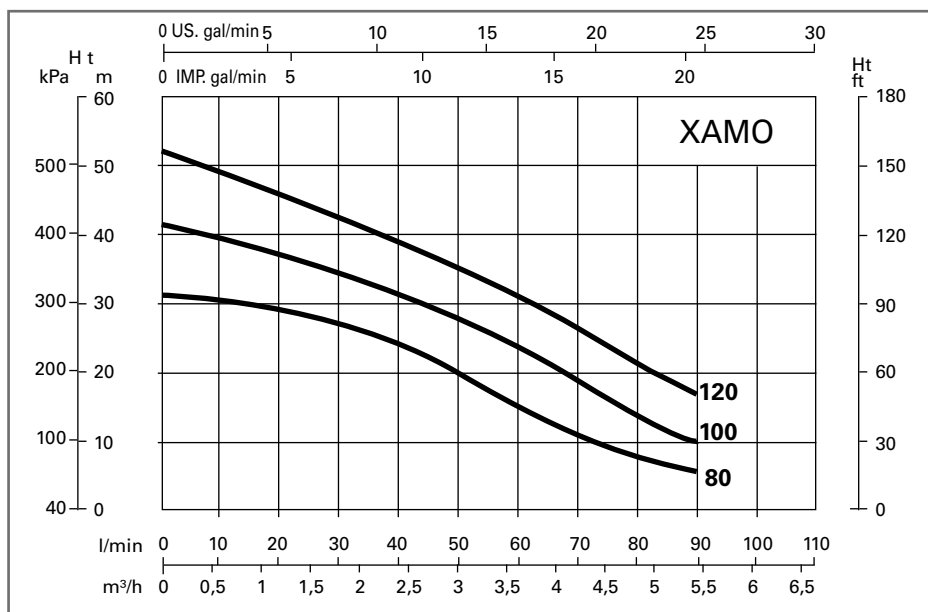


Materials

- 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
- Tropicalized circuit board in compliance with the RoHS directive
- Class F insulated motors

	Code	P ₂ Nom.		3 ~ 50Hz Amp.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lt/m) Flow										Dimensions mm								Wgt. kg
		kW	Hp	230 V	400 V	230 V			0	30	40	50	60	70	80	90	A	N	H	H1	N1	DNM	DNA				
									Total Hm in CA																		
AUTO 1-PH	XAM080	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			
	XAM0100	0,75	1	-	-	6,0	18	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	16			
	XAM0120	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			
MAN 1-PH	XMO80	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			
	XMO100	0,75	1	-	-	6,0	18	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	16			
	XMO120	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			
MAN 3-PH	XMO80T	0,60	0,8	2,4	1,6	-	-	3	33	28	23	20	18	13	10	7	447	200	226	163	136	1"¼	1"	15,5			
	XMO100T	0,75	1	3	2	-	-	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	16			
	XMO120T	0,90	1,2	3,3	2,5	-	-	5	52	43	40	35	30	25	20	15	477	200	226	163	136	1"¼	1"	17			

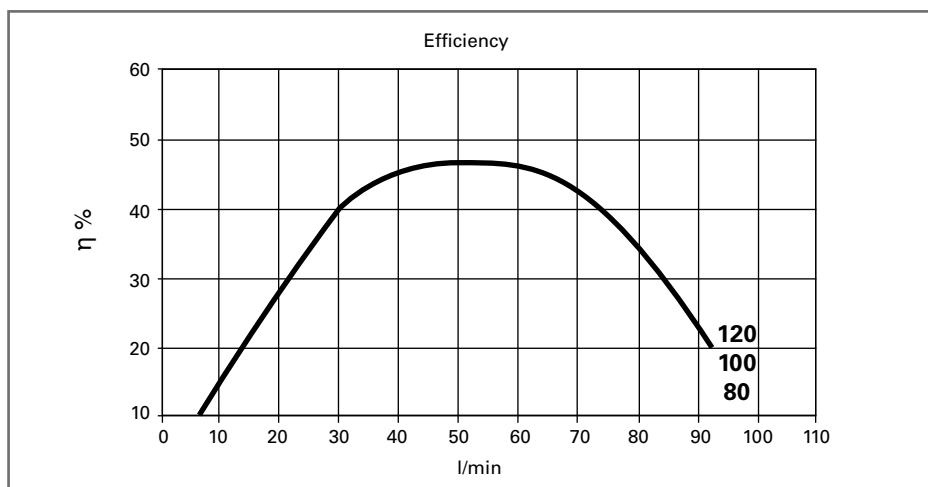
Curves and performance $n = 2900 \text{ 1/min}$



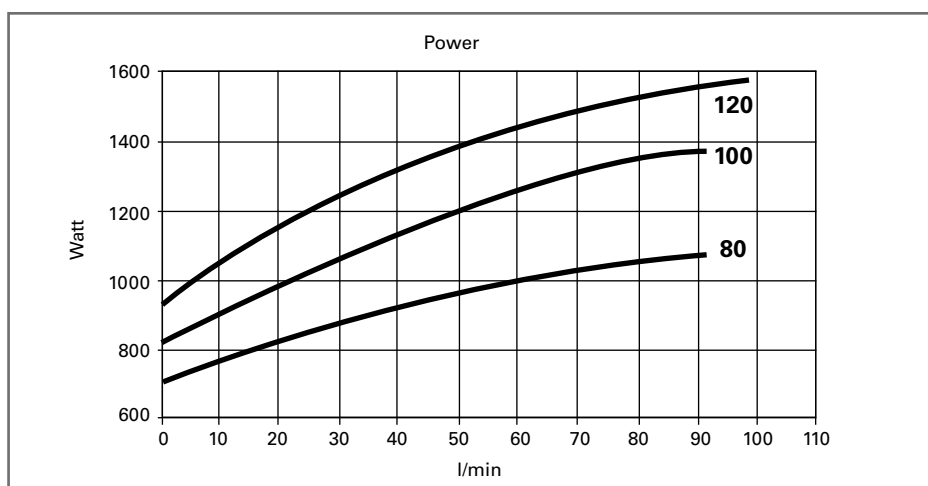
Impeller Stainless steel
AISI 304



Front basis



Motor body with delivery
mouth



Brass motor support

XAMO B



Horizontal multistage pump with electronic system



Technopolymer check valve with flow control disc and spring in AISI 316 (standard equipment in automatic version)

Applications

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

Pumped liquid:

Clean water with no abrasive or suspended solids

Liquid temperature $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

Air temperature max $+45^{\circ}\text{C}$

Depth max 5 m

Calibrating pressure rate switch 1,5 bar

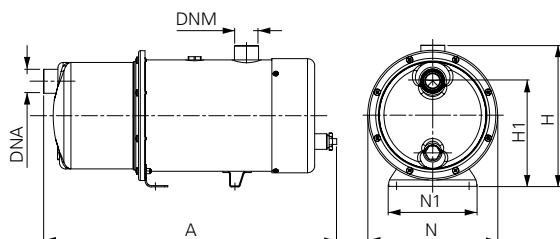
Description

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

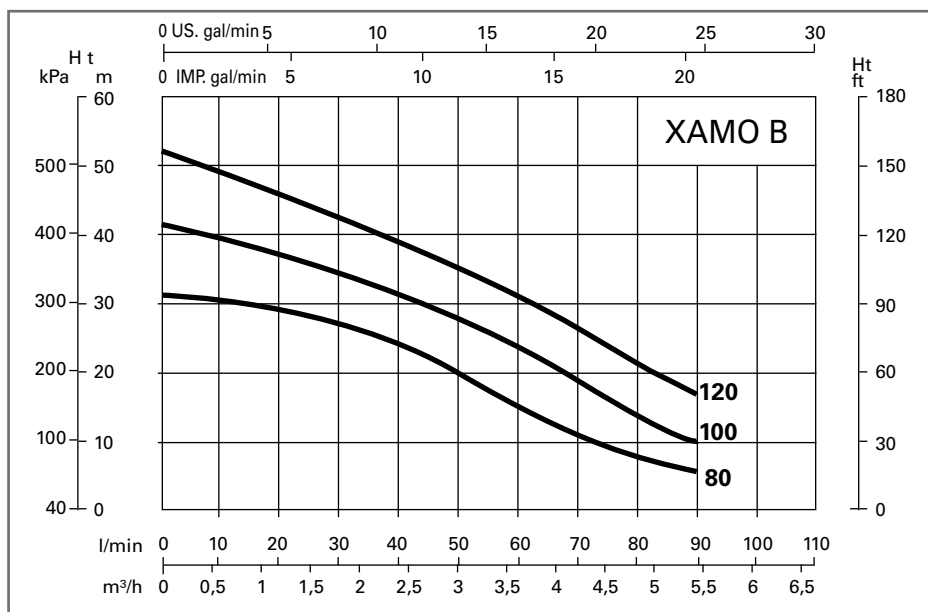


Materials

- Motor body, impellers and pump body: Stainless steel AISI 304
- Technopolymer flange
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Polypropylene
- 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
- Tropicalized circuit board in compliance with the RoHS directive
- Class F insulated motors

Code		P2 Nom.		3 ~ 50Hz Amp.		1 ~ 50Hz Amp.	Cap µF	Stages	Q (lt/m) Flow									Dimensions mm								Wgt.kg
		kW	Hp	230 V	400 V	230 V			0	30	40	50	60	70	80	90	A	N	H	H1	N1	DNM	DNA			
									Total Hm in CA																	
AUTO 1-PH	XAMO80B	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		
	XAMO100B	0,75	1	-	-	6,0	18	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	15		
	XAMO120B	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		
MAN 1-PH	XMO80B	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		
	XMO100B	0,75	1	-	-	6,0	18	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	15		
	XMO120B	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		
MAN 3-PH	XMO80BT	0,60	0,8	2,4	1,6	-	-	3	33	28	23	20	18	13	10	7	447	200	226	163	136	1"¼	1"	14,5		
	XMO100BT	0,75	1	3	2	-	-	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	15		
	XMO120BT	0,90	1,2	3,3	2,5	-	-	5	52	43	40	35	30	25	20	15	477	200	226	163	136	1"¼	1"	16		

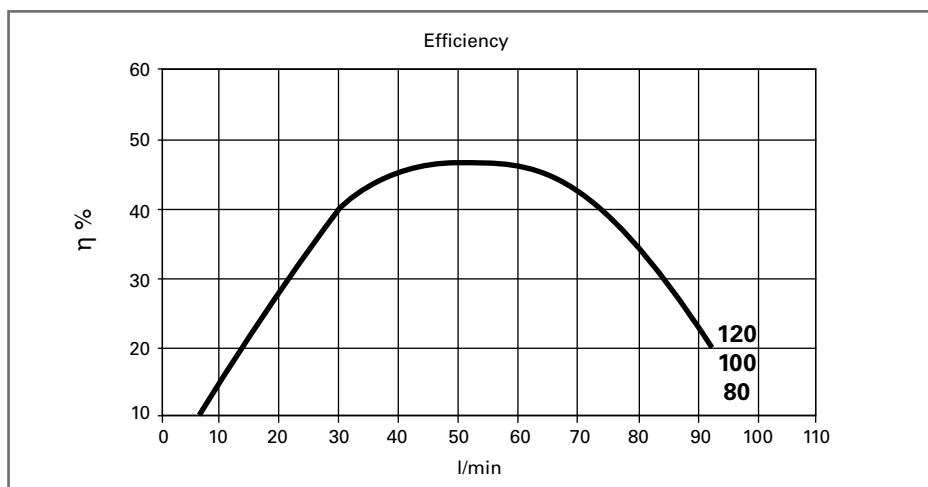
Curves and performance $n = 2900 \text{ 1/min}$



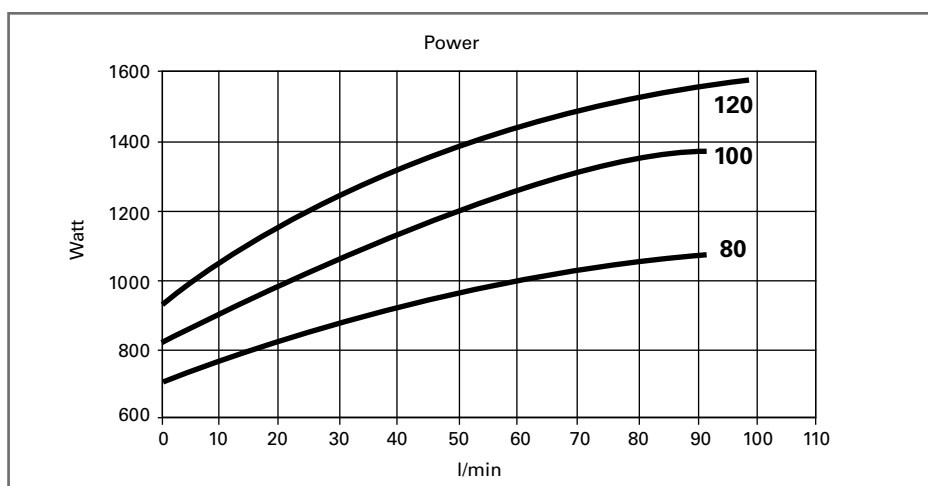
Impeller Stainless steel
AISI 304



Cable fixing handle



Motor body with delivery
mouth



Technopolymer motor support

XAMO HF



Horizontal multistage pump with electronic system HIGH-FLOW



Technopolymer check valve with flow control disc and spring in AISI 316 (standard equipment in automatic version)

Applications

- Domestic boosting
- Medium sprinkling and surface irrigations
- Industrial washing and cooling
- Systems for potable 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 1,5 bar

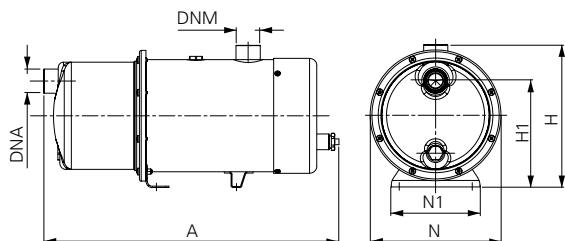
Description

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

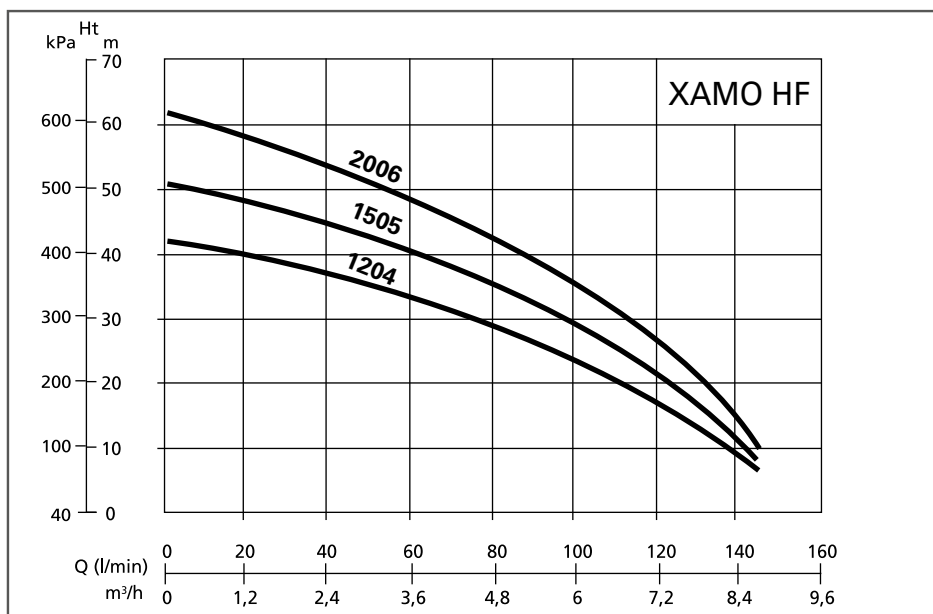


Materials

- Motor body, impellers and pump body: Stainless steel AISI 304
- Technopolymer flange / Brass flange for 2HP pump
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Polypropilene / 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 10 m length with Schuko plug
- Tropicalized circuit board in compliance with the RoHS directive
- Class F insulated motors

	Code	P ₂ Nom.		3 ~ 50Hz Amp.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lt/m) Flow								Dimensions mm								Wgt. kg
		kW	Hp	230 V	400 V	230 V			0	30	50	70	100	120	145	A	H1	H	N	N1	DNM	DNA			
																							Total Hm in CA		
AUTO 1-PH	XAM01204BHF	0,90	1,2	-	-	6,4	20	4	43	38	34	30	24	16	6	560	165	226	200	136	1"¼	1"¼	19,5		
	XAM01505BHF	1,10	1,5	-	-	7,3	25	5	51	46	43	38	30	21	9	715	165	226	200	136	1"¼	1"¼	21,5		
	XAM02006HF	1,50	2,0	-	-	10,1	30	6	62	55	51	45	34	24	10	715	165	226	200	136	1"¼	1"¼	23		
MAN 1-PH	XM01204BHF	0,90	1,2	-	-	6,4	20	4	43	38	34	30	24	16	6	560	165	226	200	136	1"¼	1"¼	19,5		
	XM01505BHF	1,10	1,5	-	-	7,3	25	5	51	46	43	38	30	21	9	715	165	226	200	136	1"¼	1"¼	21,5		
	XM02006HF	1,50	2,0	-	-	10,1	30	6	62	55	51	45	34	24	10	715	165	226	200	136	1"¼	1"¼	23		
MAN 3-PH	XM01204BTHF	0,90	1,2	3,1	2,2	-	-	4	43	38	34	30	24	16	6	560	165	226	200	136	1"¼	1"¼	19,5		
	XM01505BTHF	1,10	1,5	3,5	2,5	-	-	5	51	46	43	38	30	21	9	715	165	226	200	136	1"¼	1"¼	21,5		
	XM02006THF	1,50	2,0	4,2	3,0	-	-	6	62	55	51	45	34	24	10	715	165	226	200	136	1"¼	1"¼	23		

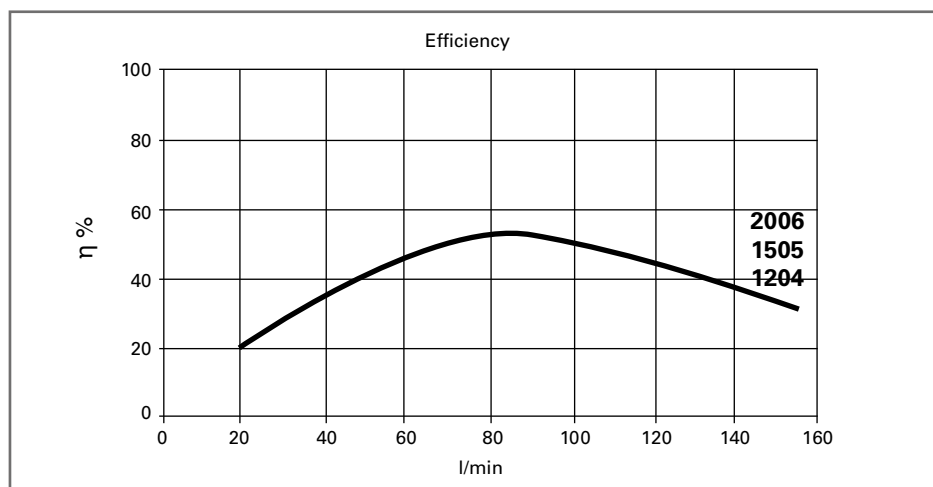
Curves and performance $n = 2900 \text{ 1/min}$



Technopolymer impeller



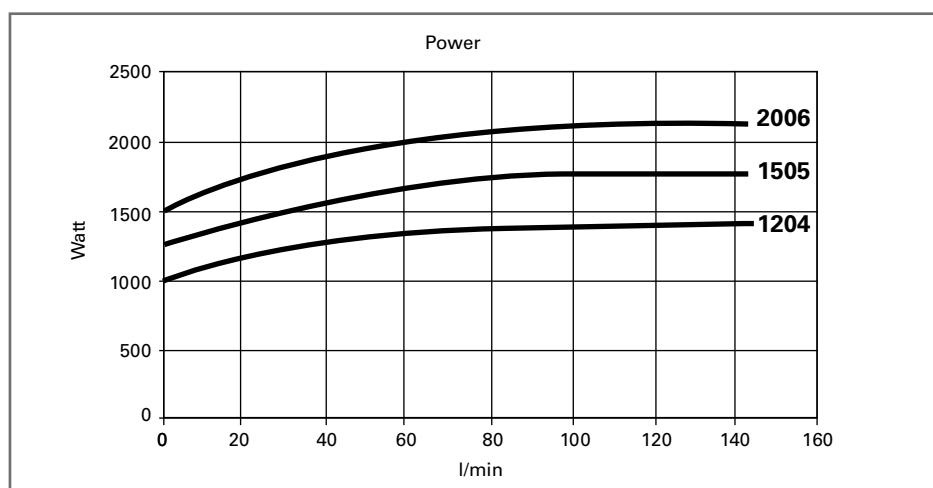
Front basis



Technopolymer motor support until 1,5HP version



Brass motor support for 2HP version



Apartments		
Code	n°	meters
XAMO1204BHF	6 - 8	4
XAMO1505BHF	6 - 8	8
XAMO2006HF	6 - 8	11

XAMOV B



Vertical multistage pump with electronic system



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

Description

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dry-running protection
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Application

- Domestic boosting
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- Systems for water treatment

Pumped liquid:

Clean water with no abrasive or suspended solids

Liquid temperature $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

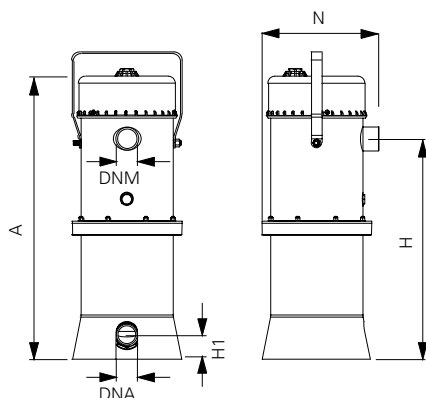
Air temperature max $+45^{\circ}\text{C}$

Depth max 5 m

Calibrating pressure rate switch 1,5 bar

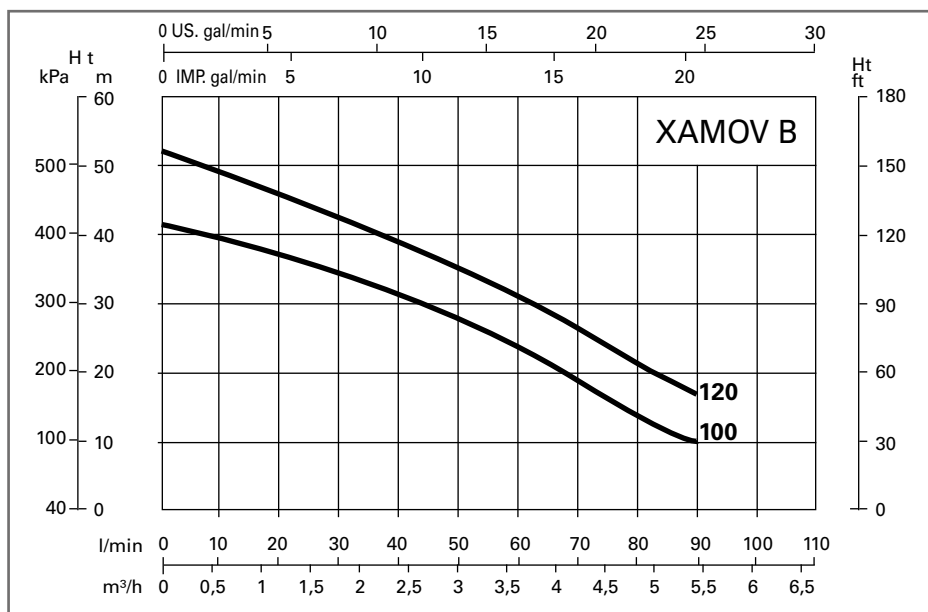
Materials

- 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 10m length with Schuko plug
- Tropicalized circuit board in compliance with the RoHS directive
- Class F insulated motors



AUTO 1-PH	Code	P2 Nom.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lt/m) Flow								Dimensions mm						Wgt. kg
		kW	Hp	230 V			0	30	40	50	60	70	80	90	A	N	H	H1	DNM	DNA	
							Total Hm in CA														
XAMOV100B	0,75	1	6,0	18	4	42	35	34	30	28	24	18	15	525	205	409	50	1"¼	1"	13	
XAMOV120B	0,9	1,2	7,2	20	5	52	43	43	40	35	30	25	20	525	205	409	50	1"¼	1"	14	

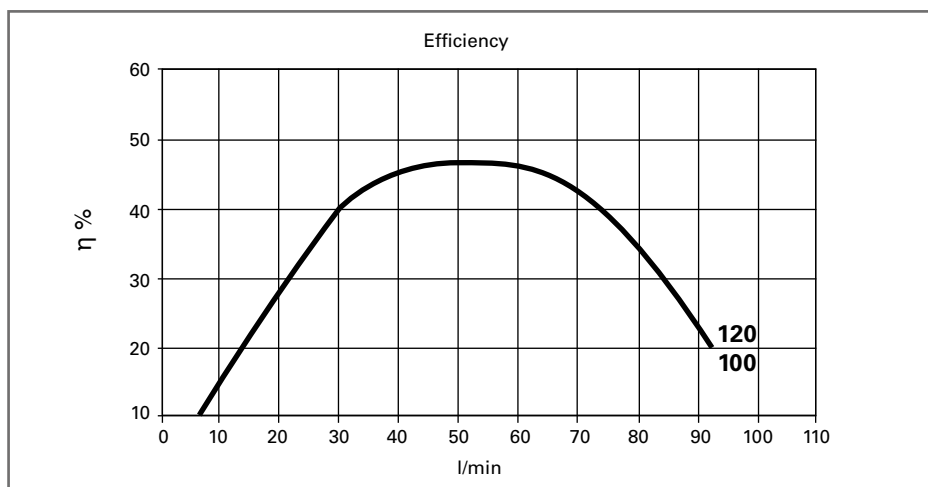
Curves and performance $n = 2900 \text{ 1/min}$



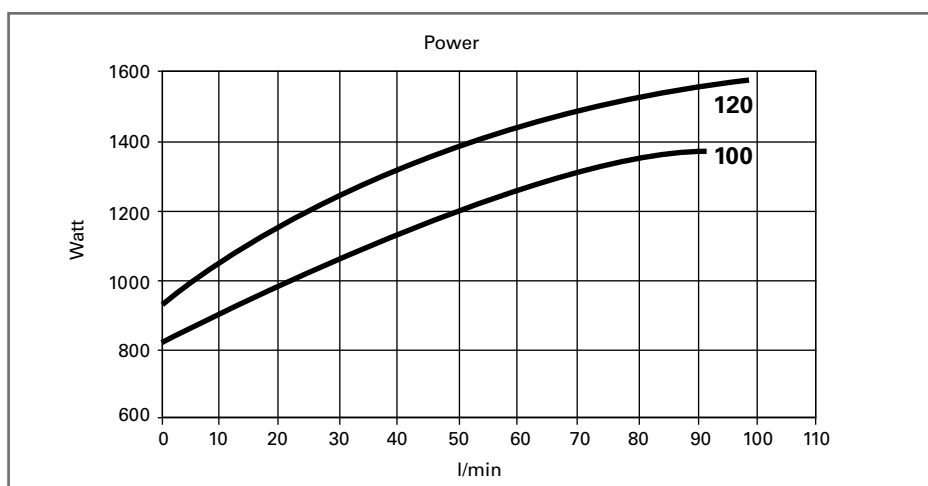
Impeller Stainless steel
AISI 304



Flow sensor Woltmann



Coupling flange



Technopolymer check valve
assembled

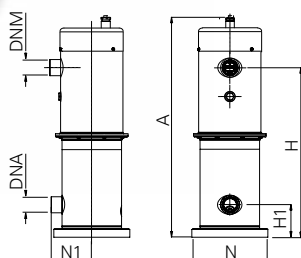


Technopolymer motor support

Vertical multistage pump with electronic system



Technopolymer check valve with flow control disc and spring in AISI 316 (standard equipment in automatic version)



Description

Up/Down technology for submersed, surface or underground installation
Automatic system of water supply; dry-running protection
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Applications

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Air temperature max $+45^{\circ}\text{C}$

Depth max 5 m

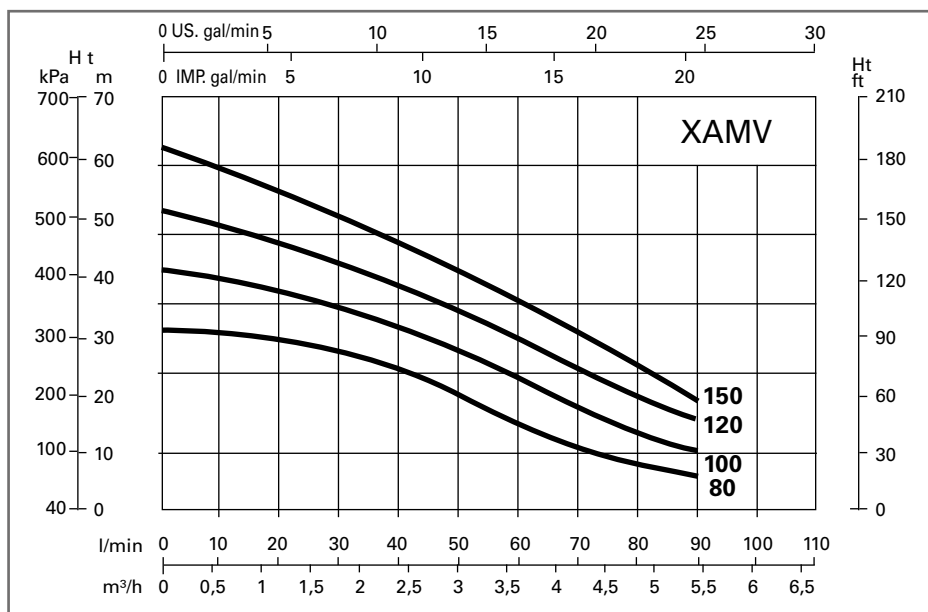
Calibrating pressure rate switch 1,5 bar

Materials

- Motor body, impellers and pump body:
Stainless steel AISI 304
- Technopolymer flange / Brass flange for 2HP pump
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Polypropilene / 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 10 m length with Schuko plug
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	Code	P ₂ Nom.		3 ~ 50Hz Amp.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lit/m) Flow								Dimensions mm							Wgt. kg
		kW	Hp	230 V	400 V	230 V			0	30	40	50	60	70	80	90	A	N	H	H1	N1	DNM	DNA	
									Total Hm in CA															
AUTO 1-PH	XAMV100	0,75	1	-	-	6,0	18	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"¼	17
	XAMV120	0,90	1,2	-	-	7,2	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"¼	18
	XAMV150	1,10	1,5	-	-	8,4	20	6	63	48	45	41	36	31	25	12	570	210	394	90	116	1"¼	1"¼	19
MAN 1-PH	XMV80	0,60	0,8	-	-	5,15	16	3	33	28	23	20	18	13	10	7	570	210	394	90	112	1"¼	1"¼	16,5
	XMV100	0,75	1	-	-	6,0	18	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"¼	17
	XMV120	0,90	1,2	-	-	7,2	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"¼	18
	XMV150	1,10	1,5	-	-	8,4	20	6	63	48	45	41	36	31	25	12	570	210	394	90	116	1"¼	1"¼	19
MAN 3-PH	XMV80T	0,60	0,8	2,4	1,6	-	-	3	33	28	23	20	18	13	10	7	570	210	394	90	112	1"¼	1"¼	16,5
	XMV100T	0,75	1	3	2	-	-	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"¼	17
	XMV120T	0,90	1,2	3,3	2,5	-	-	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"¼	18
	XMV150T	1,10	1,5	3,6	2,7	-	-	6	63	48	45	41	36	31	25	12	570	210	394	90	116	1"¼	1"¼	19

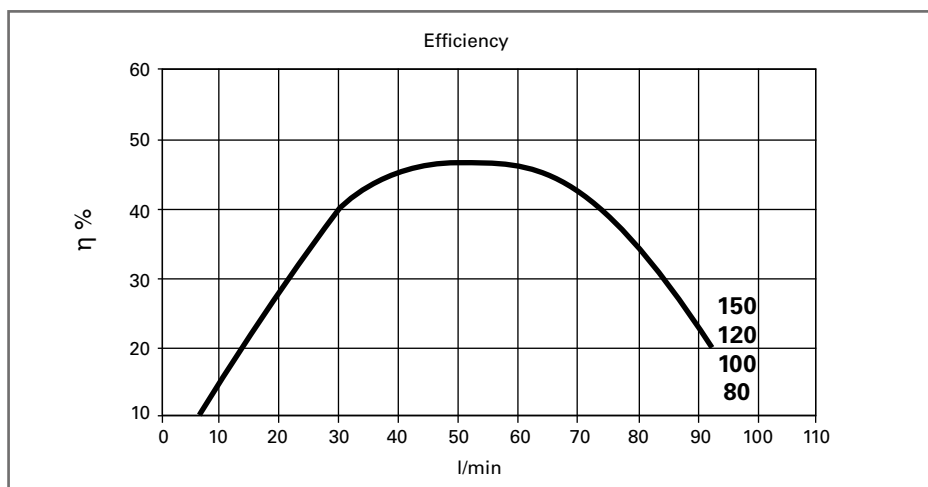
Curves and performance $n = 2900$ 1/min



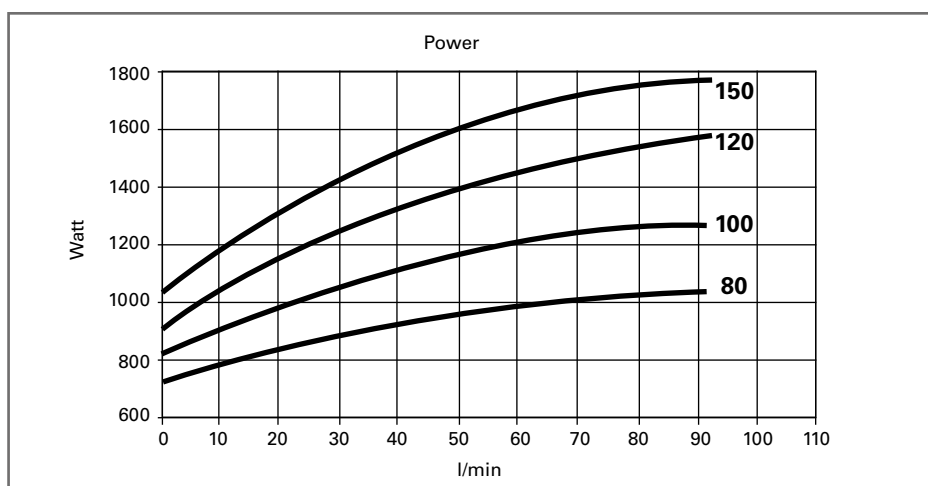
Impeller Stainless steel
AISI 304



Flow sensor Woltmann



Coupling flange



Brass motor support

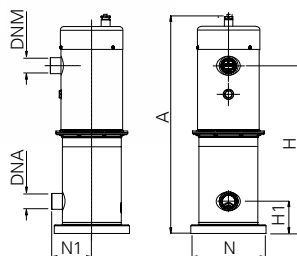
XAMV B



Vertical multistage pump with electronic system



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Description

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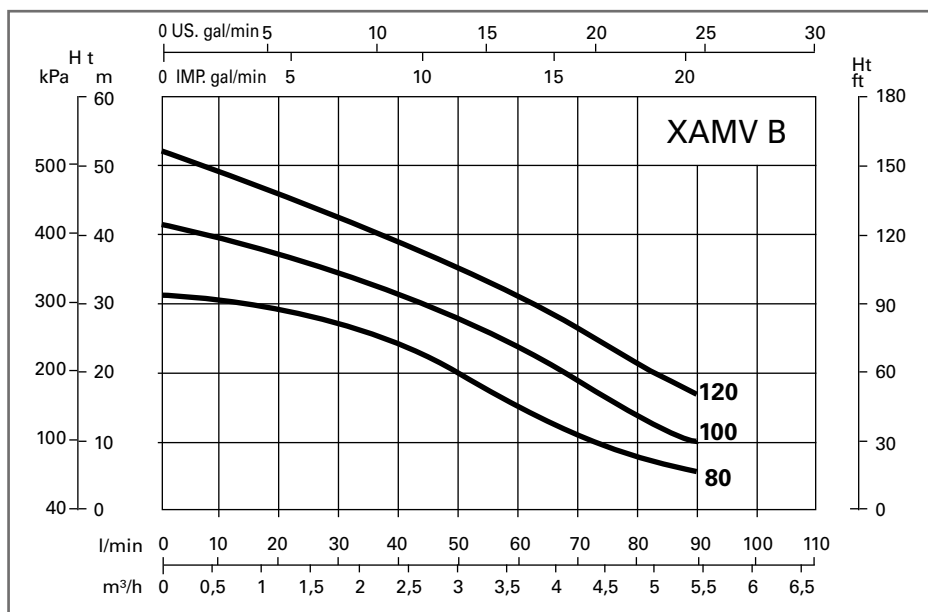
Calibrating pressure rate switch 1,5 bar

Materials

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- Technopolymer flange
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
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	XAMV120B	0,90	1,2	-	-	7,2	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"	15
MAN 1-PH	XMV80B	0,60	0,8	-	-	4,5	16	3	33	28	23	20	18	13	10	7	570	210	394	90	112	1"¼	1"	13,5
	XMV100B	0,75	1	-	-	6	16	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"	14
	XMV120B	0,90	1,2	-	-	7,2	18	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"	15
MAN 3-PH	XMV80BT	0,60	0,8	2,2	1,5	-	-	3	33	28	23	20	18	13	10	7	570	210	394	90	112	1"¼	1"	13,5
	XMV100BT	0,75	1	3	2	-	-	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"	14
	XMV120BT	0,90	1,2	3,6	2,5	-	-	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"	15

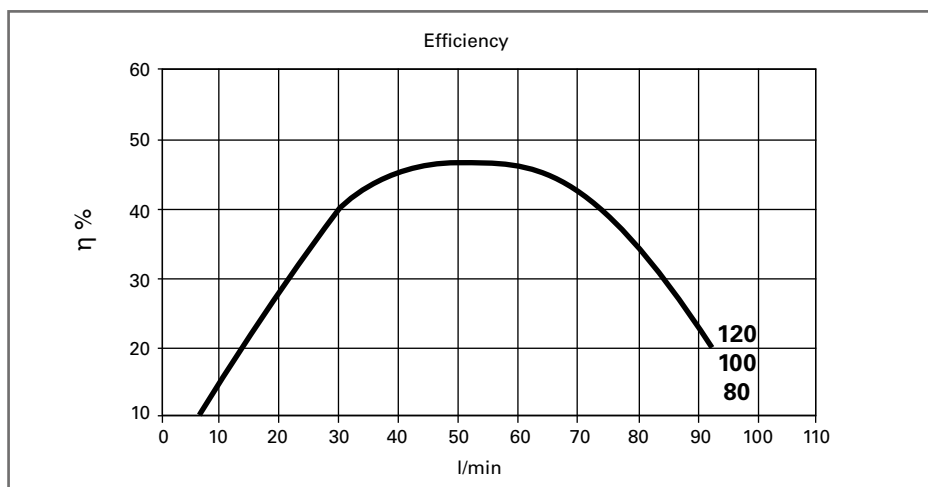
Curves and performance $n = 2900 \text{ 1/min}$



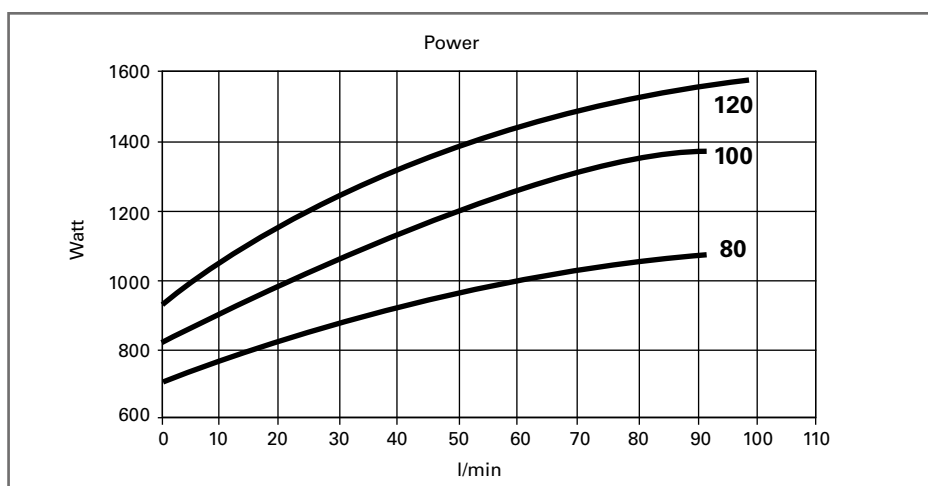
Impeller Stainless steel
AISI 304



Flow sensor Woltmann



Coupling flange

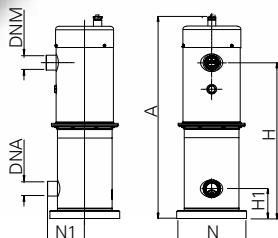


Technopolymer motor support

Vertical multistage pump with electronic system HIGH-FLOW Description



Technopolymer check valve with flow control disc and spring in AISI 316 (standard equipment in automatic version)



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
- Industrial washing and cooling
- Systems for potable water treatment

Pumped liquid:

Clean water with no abrasive or suspended solids
Liquid temperature $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

Air temperature max $+45^{\circ}\text{C}$

Depth max 5 m

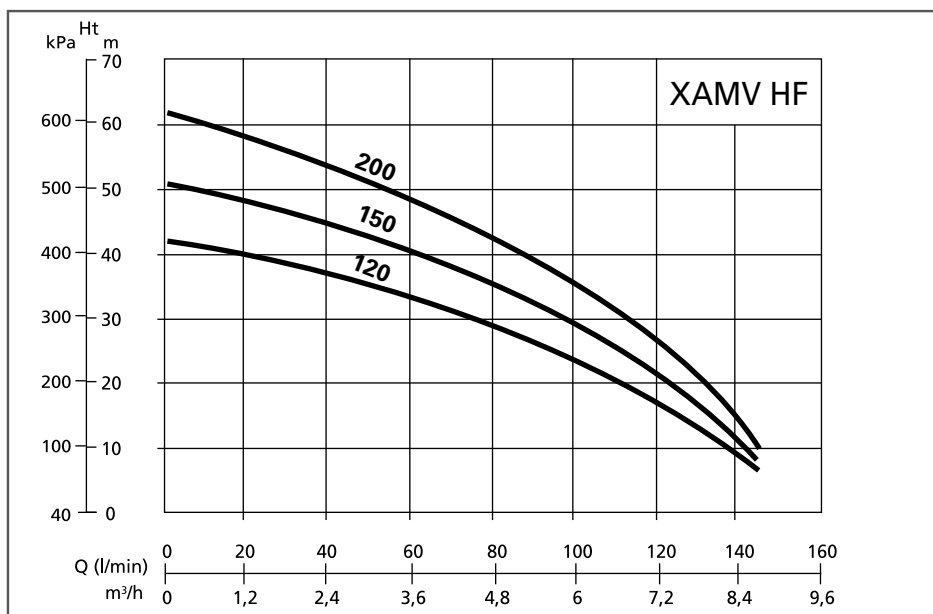
Calibrating pressure rate switch 1,5 bar

Materials

- Motor body, impellers and pump body:
Stainless steel AISI 304
- Technopolymer flange / Brass flange for 2HP pump
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Polypropylene / 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 10 m length with Schuko plug
- Tropicalized circuit board in compliance with the RoHS directive
- Class F insulated motors

	Code	P2 Nom.		3 ~ 50Hz Amp.		1 ~ 50Hz Amp.	Cap µF	Stages	Q (lt/m) Flow								Dimensions mm						Wgt. kg
		kW	Hp	230 V	400 V	230 V			0	30	50	70	100	120	145	A	H1	H	N	DNM	DNA		
									Total Hm in CA														
AUTO 1-PH	XAMV1204BHF	0,90	1,2	-	-	6,4	20	4	43	38	34	30	24	16	6	560	95	226	200	1"¼	1"¼	19,5	
	XAMV1505BHF	1,10	1,5	-	-	7,3	25	5	51	46	43	38	30	21	9	715	95	226	200	1"¼	1"¼	21,5	
	XAMV2006HF	1,50	2,0	-	-	10,1	30	6	62	55	51	45	34	24	10	715	95	226	200	1"¼	1"¼	23	
MAN 1-PH	XMV1204BHF	0,90	1,2	-	-	6,4	20	4	43	38	34	30	24	16	6	560	95	226	200	1"¼	1"¼	19,5	
	XMV1505BHF	1,10	1,5	-	-	7,3	25	5	51	46	43	38	30	21	9	715	95	226	200	1"¼	1"¼	21,5	
	XMV2006HF	1,50	2,0	-	-	10,1	30	6	62	55	51	45	34	24	10	715	95	226	200	1"¼	1"¼	23	
MAN 3-PH	XMV1204BTHF	0,90	1,2	3,1	2,2	-	-	4	43	38	34	30	24	16	6	560	95	226	200	1"¼	1"¼	19,5	
	XMV1505BTHF	1,10	1,5	3,5	2,5	-	-	5	51	46	43	38	30	21	9	715	95	226	200	1"¼	1"¼	21,5	
	XMV2006THF	1,50	2,0	4,2	3,0	-	-	6	62	55	51	45	34	24	10	715	95	226	200	1"¼	1"¼	23	

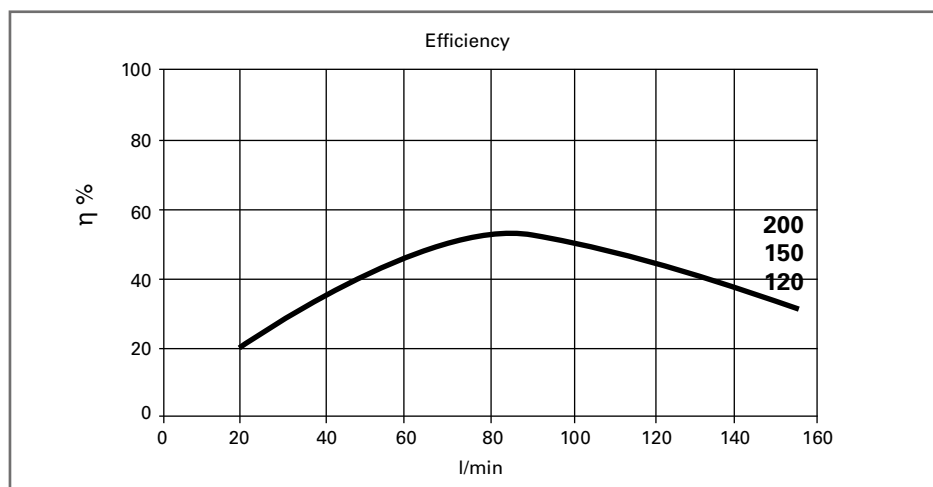
Curves and performance $\eta = 2900 \text{ 1/min}$



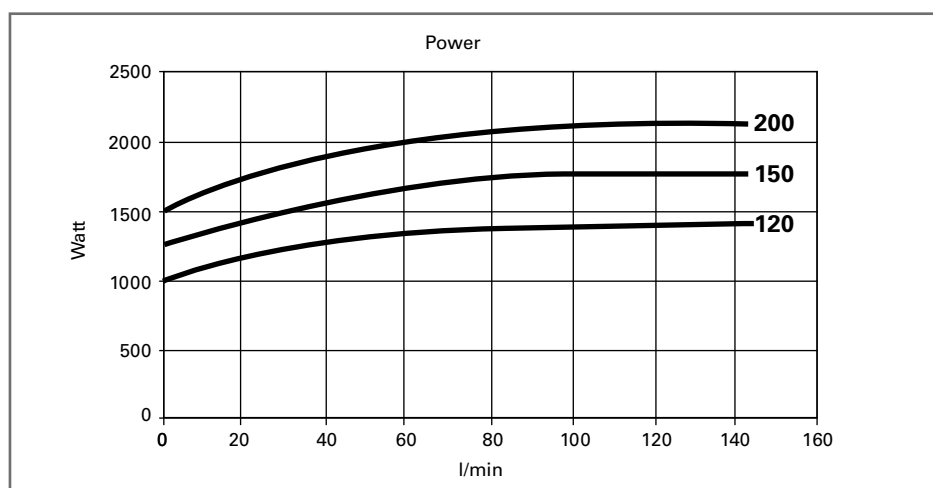
Technopolymer motor support



Flow sensor Woltmann



Technopolymer motor support until 1,5HP version



Brass motor support for 2HP version

Apartments		
Code	n°	meters
XAMV1204BHF	6 - 8	4
XAMV1505BHF	6 - 8	8
XAMV2006HF	6 - 8	11

Horizontal multistage pump with electronic system and float switch



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

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 $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

Air temperature max $+45^{\circ}\text{C}$

Depth max 5 m

Calibrating pressure rate switch 1,5 bar

Description

Up/Down technology for submersed, surface or underground installation

Automatic system of water supply; dry-running protection

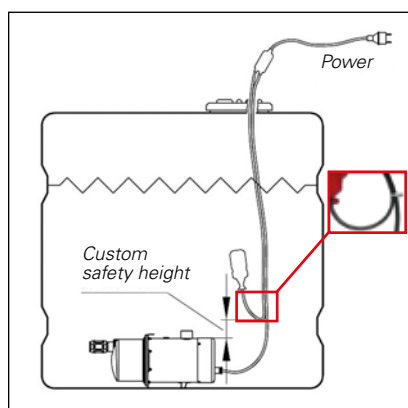
Antiblocking system every 72 hours of pump inactivity

Protection rating IP 68

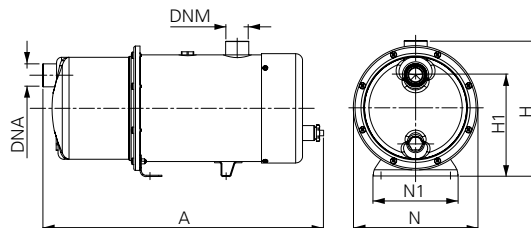
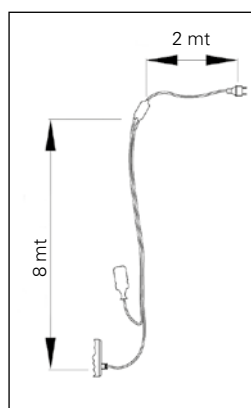
Materials

- 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

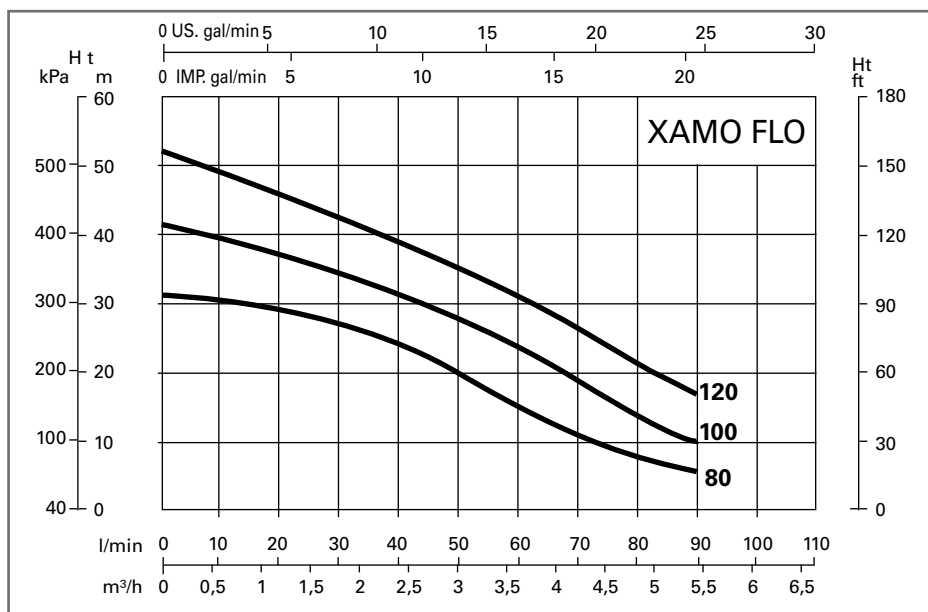


Power cable measures



	Code	P ₂ Nom.		1 ~ 50Hz Amp.	Cap µF	Stages	Q (lt/m) Flow								Dimensions mm								Wgt kg
		0	30				40	50	60	70	80	90	A	N	H	H1	N1	DNM	DNA				
				Total Hm in CA																			
AUTO 1-PH	XAM080FLO	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	
	XAM0100FLO	0,75	1	6,0	18	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	16	
	XAM0120FLO	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 $\eta = 2900 \text{ 1/min}$



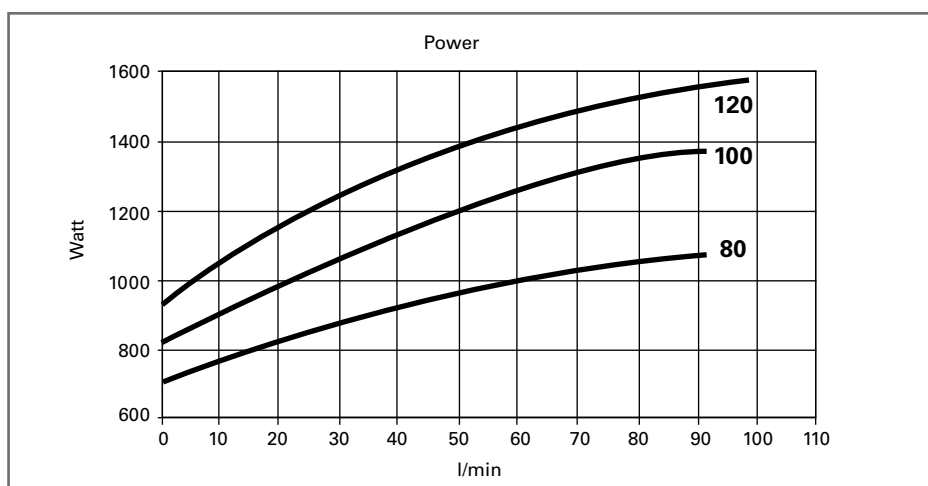
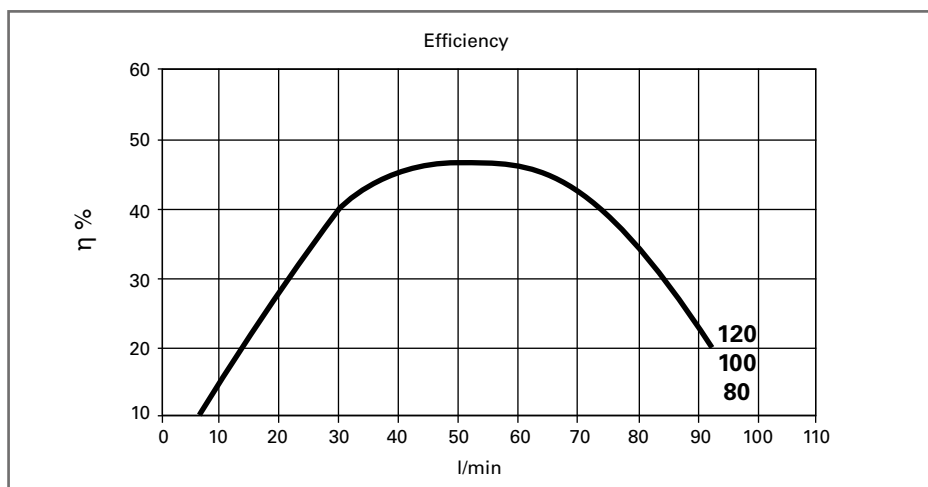
Impeller Stainless steel
AISI 304



Front basis



Float switch



Brass motor support

XAMO B FLO



Horizontal multistage pump with electronic system and float switch



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

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 $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

Air temperature max $+45^{\circ}\text{C}$

Depth max 5 m

Calibrating pressure rate switch 1,5 bar

Description

Up/Down technology for submersed, surface or underground installation

Automatic system of water supply;

dry-running protection

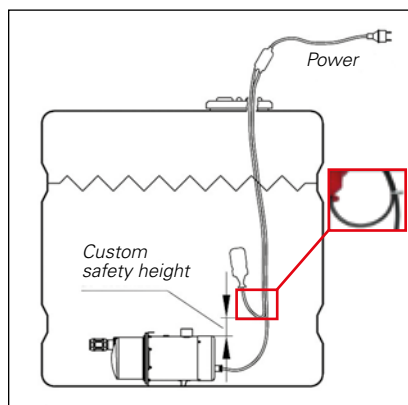
Antiblocking system every 72 hours of pump inactivity

Protection rating IP 68

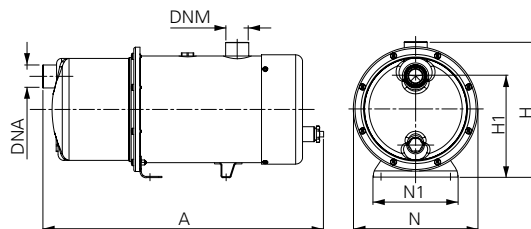
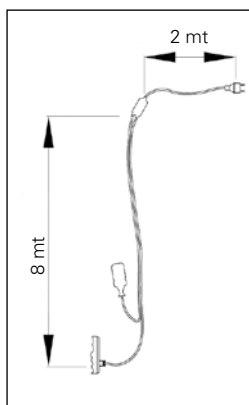
Materials

- 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 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

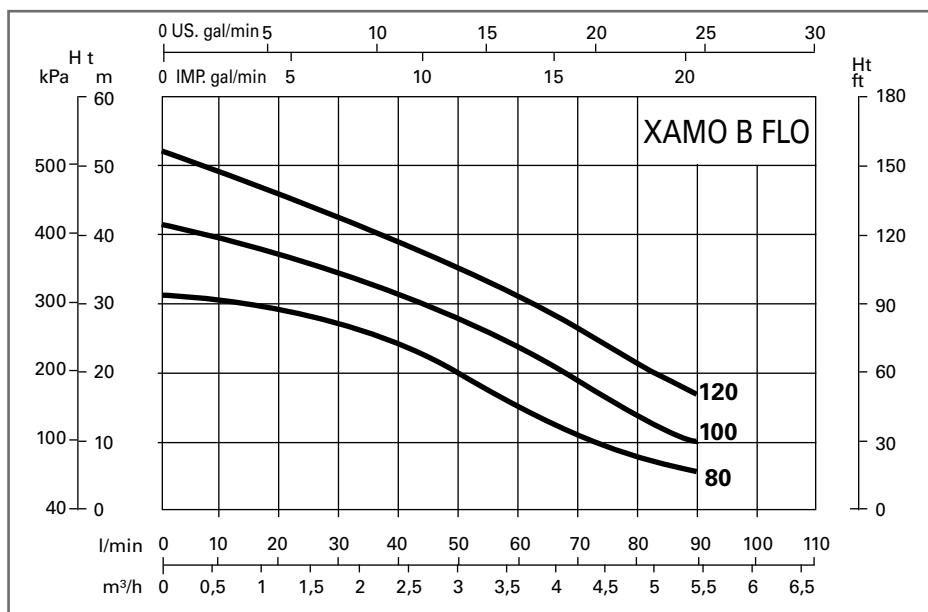


Power cable measures



	Code	P2 Nom.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lt/m) Flow								Dimensions mm							Wgt. kg
		0	30				40	50	60	70	80	90	A	N	H	H1	N1	DNM	DNA			
		kW	Hp	230 V	Total Hm in CA																	
AUTO 1-PH	XAMO80BFLO	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
	XAMO100BFLO	0,75	1	6,0	18	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	15
	XAMO120BFLO	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

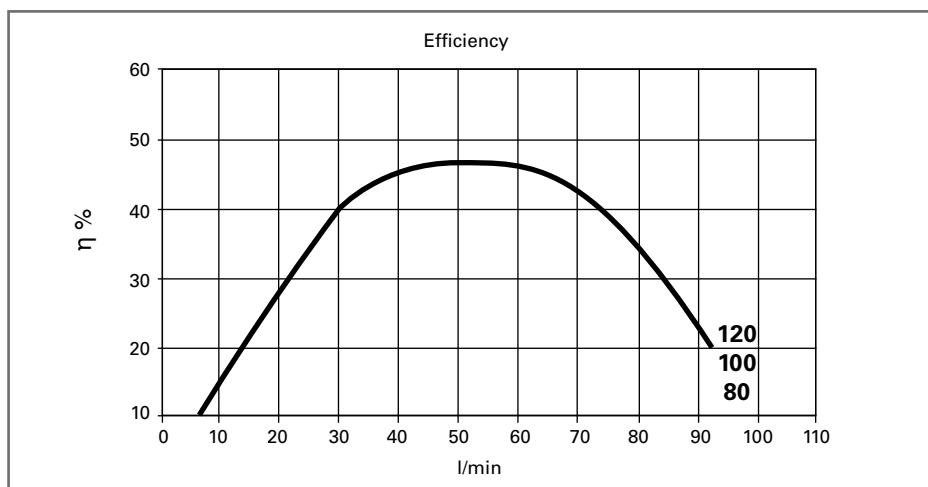
Curves and performance $n = 2900 \text{ 1/min}$



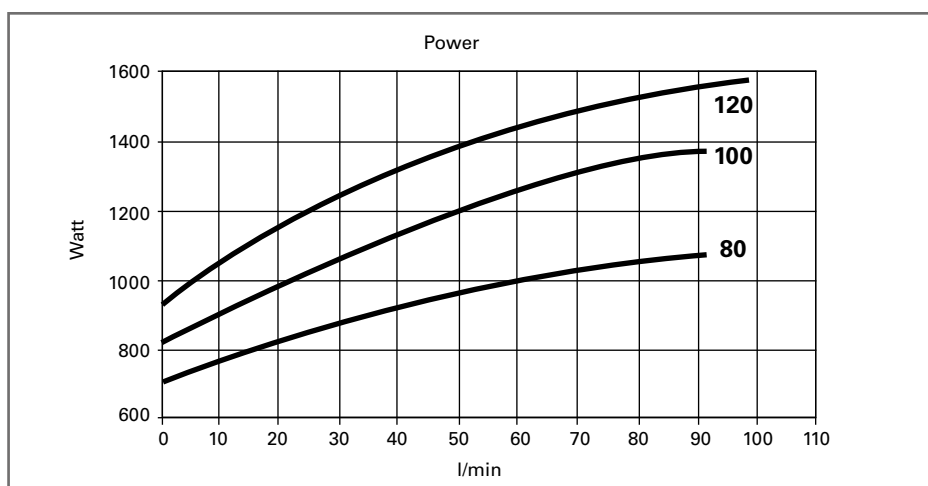
Impeller Stainless steel
AISI 304



Cable fixing handle



Float switch



Technopolymer motor support

XAMV B FLO



Vertical 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

Application

- 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 $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

Air temperature max $+45^{\circ}\text{C}$

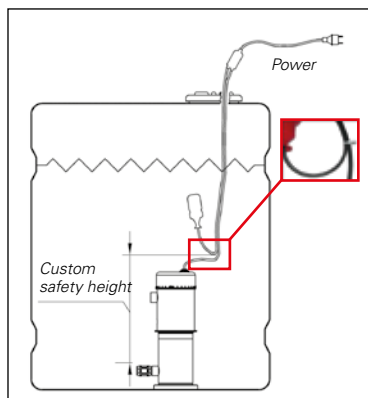
Depth max 5 m

Calibrating pressure rate switch 1,5 bar

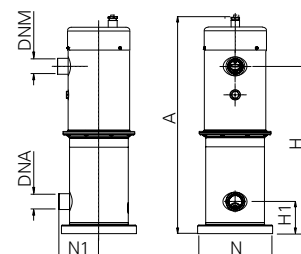
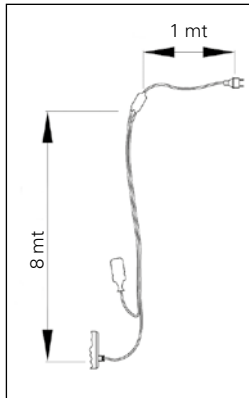
Materials

- Motor body, impellers and pump body: Stainless steel AISI 304
- Technopolymer flange
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Polypropylene
- 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

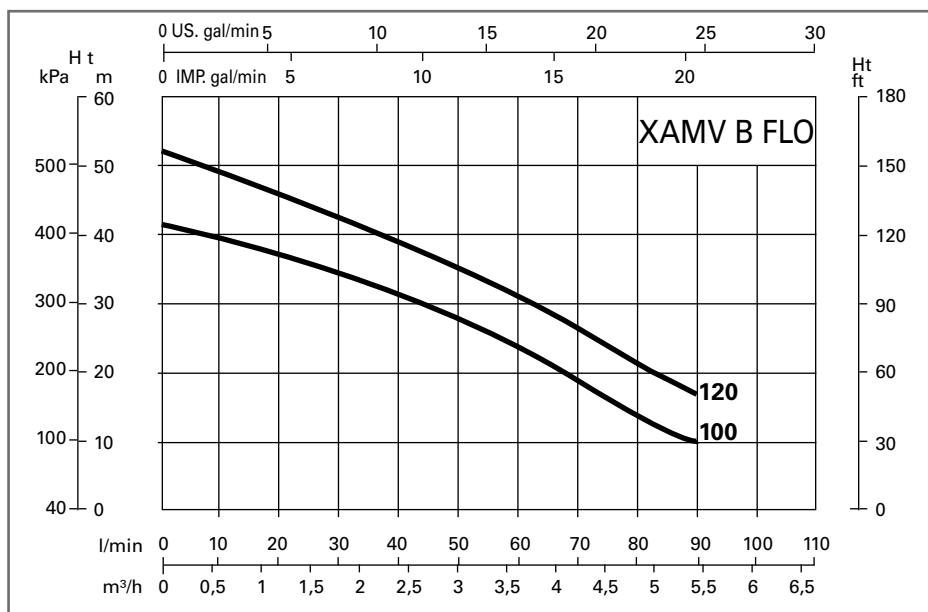


Power cable measures



AUTO 1-PH	Code	P2 Nom.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lt/m) Flow								Dimensions mm							Wgt kg
		kW	Hp	230 V			0	30	40	50	60	70	80	90	A	N	H	H1	N1	DNM	DNA	
							Total Hm in CA															
	XAMV100BFLO	0,75	1	6	18	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"	14
XAMV120BFLO	0,90	1,2	7,2	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"	15	

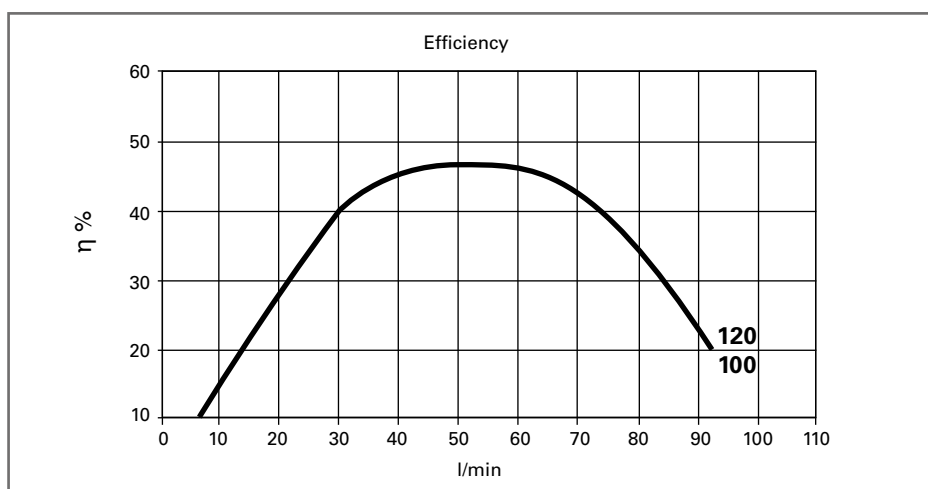
Curves and performance $n = 2900 \text{ 1/min}$



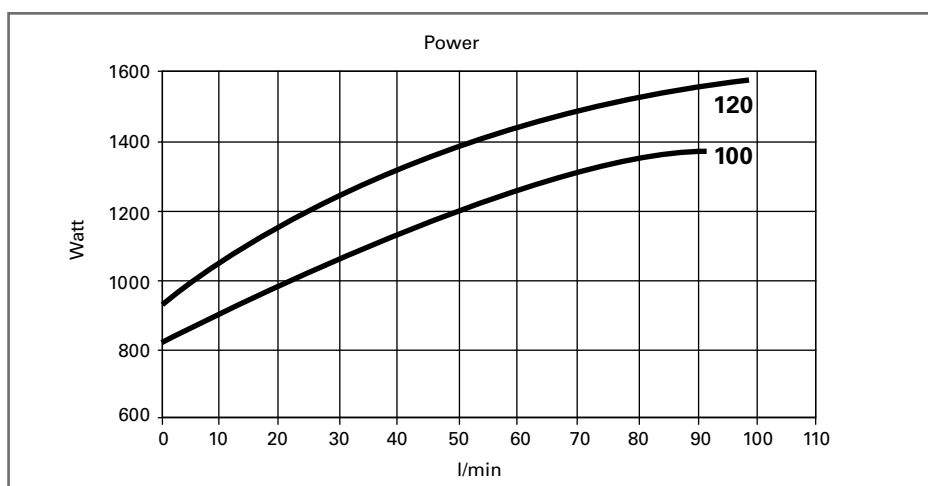
Impeller Stainless steel
AISI 304



Float switch



Coupling flange



Technopolymer motor support

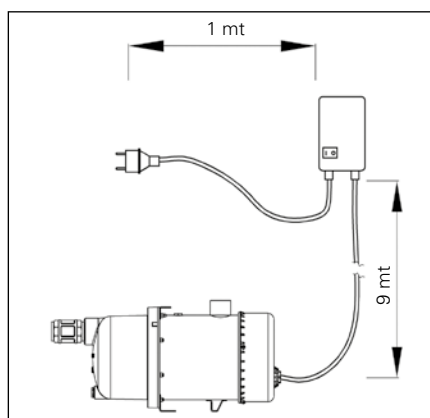
Horizontal multistage pump with electronic system and external capacitor



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 IP68



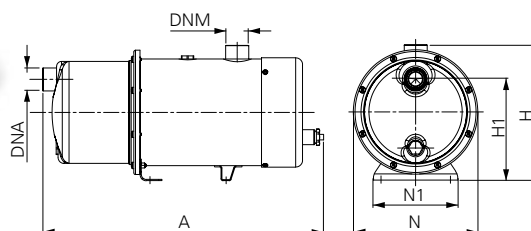
External capacitor box

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 $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$
Air temperature max $+45^{\circ}\text{C}$
Depth max 5 m
Calibrating pressure rate switch 1,5 bar

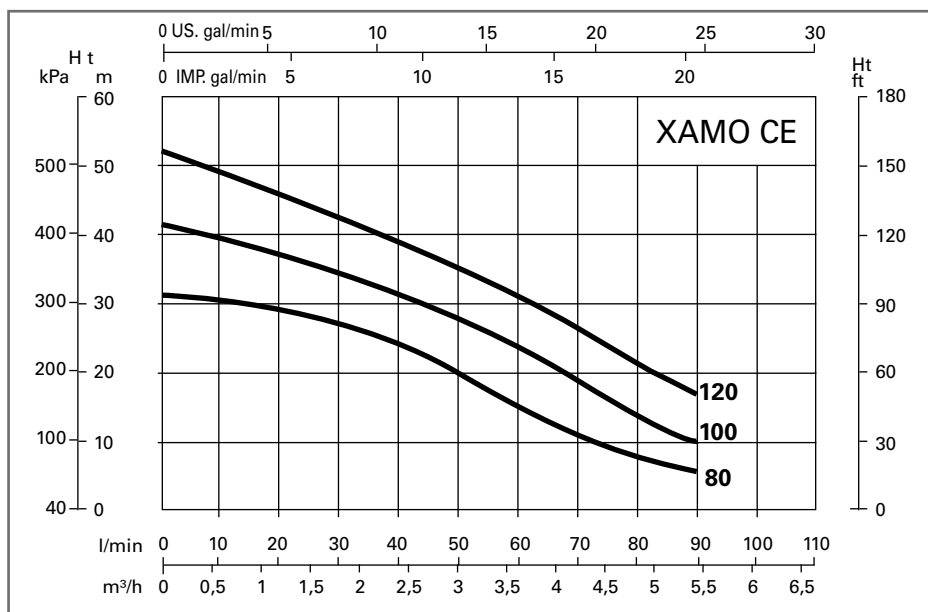
Materials

- 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 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



	Code	P ₂ Nom.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lt/m) Flow								Dimensions mm								Wgt kg
		0	30				40	50	60	70	80	90	A	N	H	H1	N1	DNM	DNA				
				Total Hm in CA																			
AUTO 1-PH	XAM080CE	0,60	0,8	4,5	16	3	33	28	23	20	18	13	10	7	447	200	226	163	136	1"¼	1"	15,5	
	XAM0100CE	0,75	1	5,3	16	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	16	
	XAM0120CE	0,90	1,2	5,9	18	5	52	43	40	35	30	25	20	15	477	200	226	163	136	1"¼	1"	17	

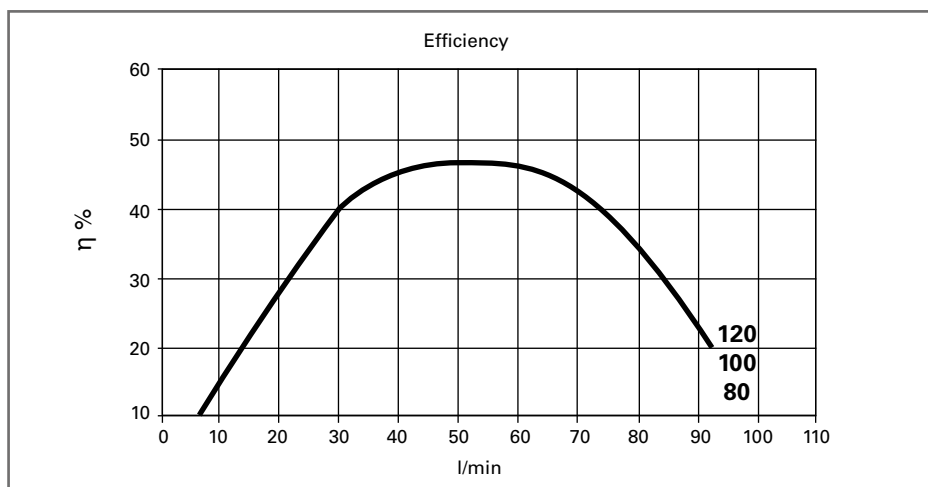
Curves and performance $n = 2900 \text{ 1/min}$



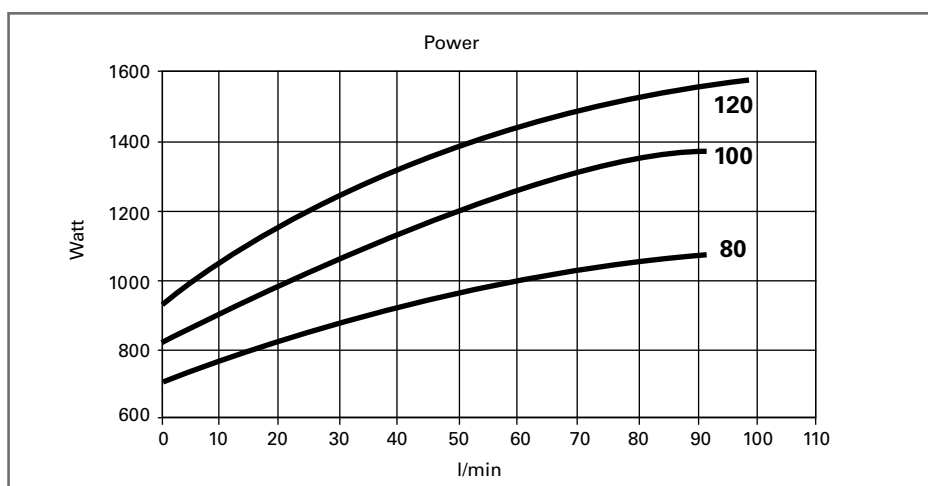
Impeller Stainless steel
AISI 304



Front basis



Capacitor box



Brass motor support

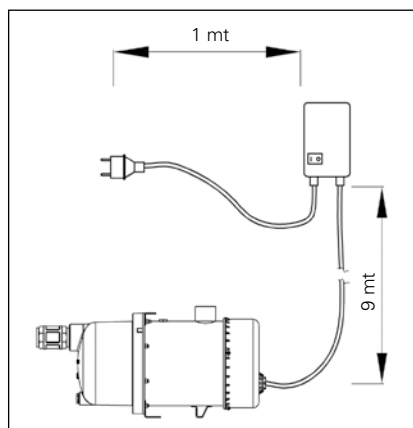
Horizontal multistage pump with electronic system and external capacitor



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



External box capacitor

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 $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

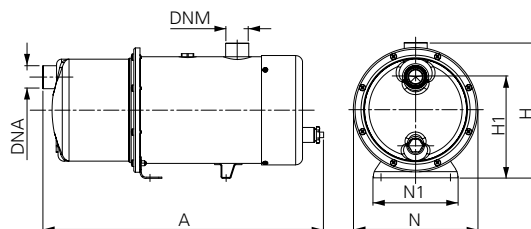
Air temperature max $+45^{\circ}\text{C}$

Depth max 5 m

Calibrating pressure rate switch 1,5 bar

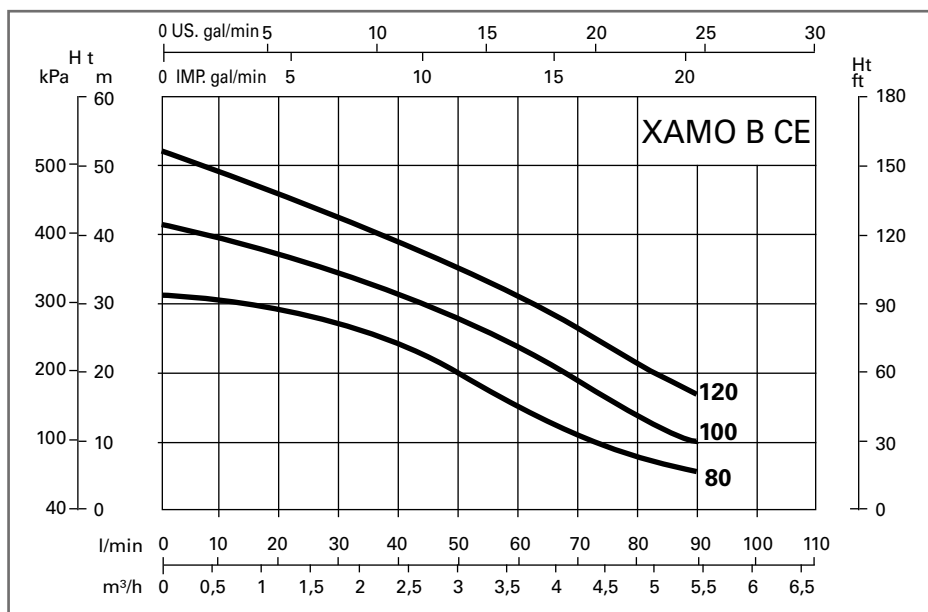
Materials

- Motor body, impellers and pump body: Stainless steel AISI 304
- Technopolymer flange
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Polypropylene
- 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



	Code	P2 Nom.		1 ~ 50Hz Amp.	Cap µF	Stages	Q (lt/m) Flow								Dimensions mm							Wgt. kg
		0	30				40	50	60	70	80	90	A	N	H	H1	N1	DNM	DNA			
		kW	Hp	230 V	Total Hm in CA																	
AUTO 1-PH	XAM080BCE	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
	XAM0100BCE	0,75	1	6,0	18	4	42	35	30	28	24	18	15	10	477	200	226	163	136	1"¼	1"	15
	XAM0120BCE	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

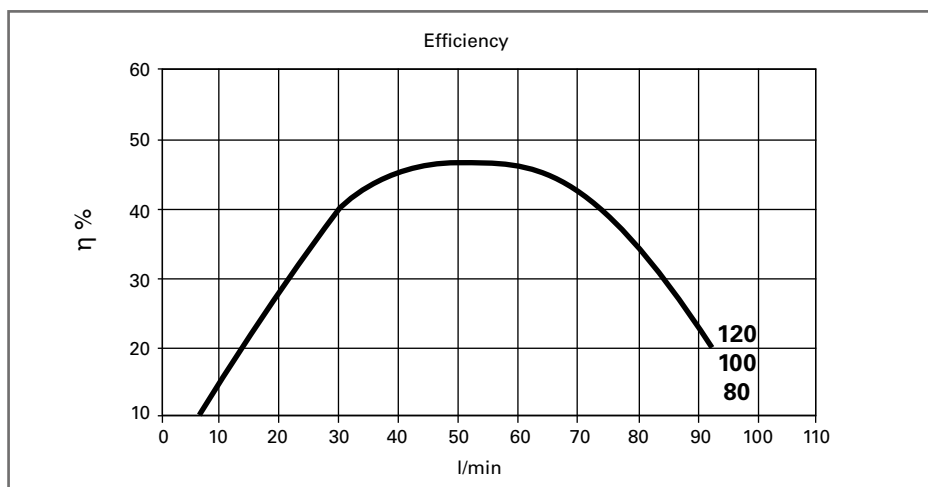
Curves and performance $n = 2900 \text{ 1/min}$



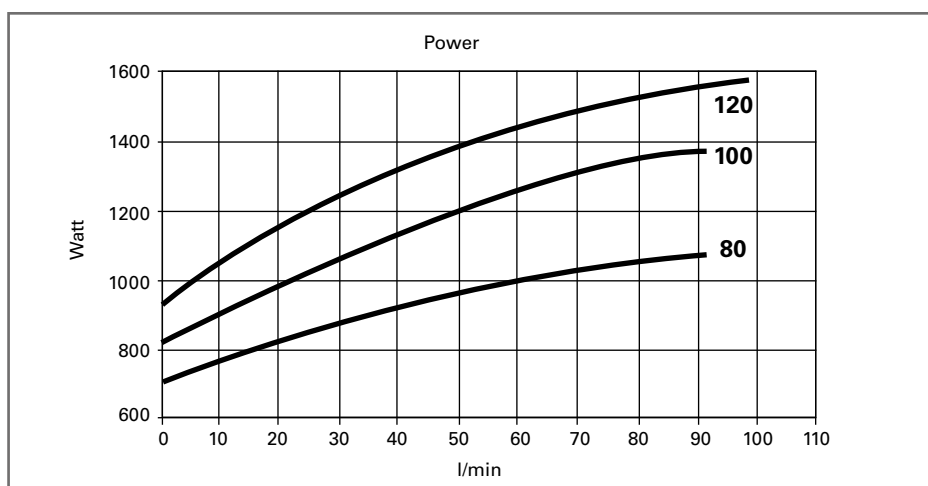
Impeller Stainless steel
AISI 304



Cable fixing handle



Capacitor box



Technopolymer motor support

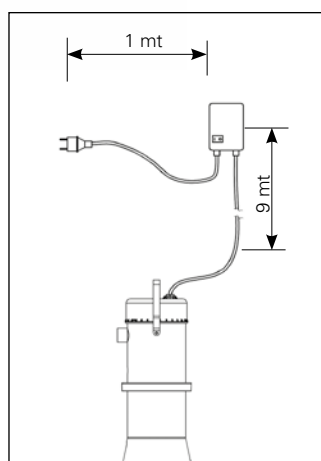
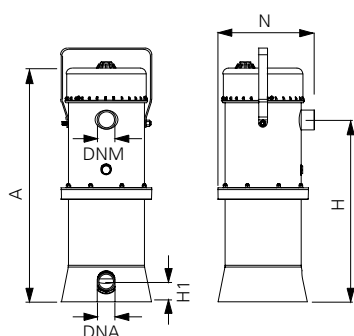
XAMOV B CE



Vertical multistage pump with electronic system and external capacitor



*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 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 $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$
Air temperature max $+45^{\circ}\text{C}$
Depth max 5 m
Calibrating pressure rate switch 1,5 bar

Materials

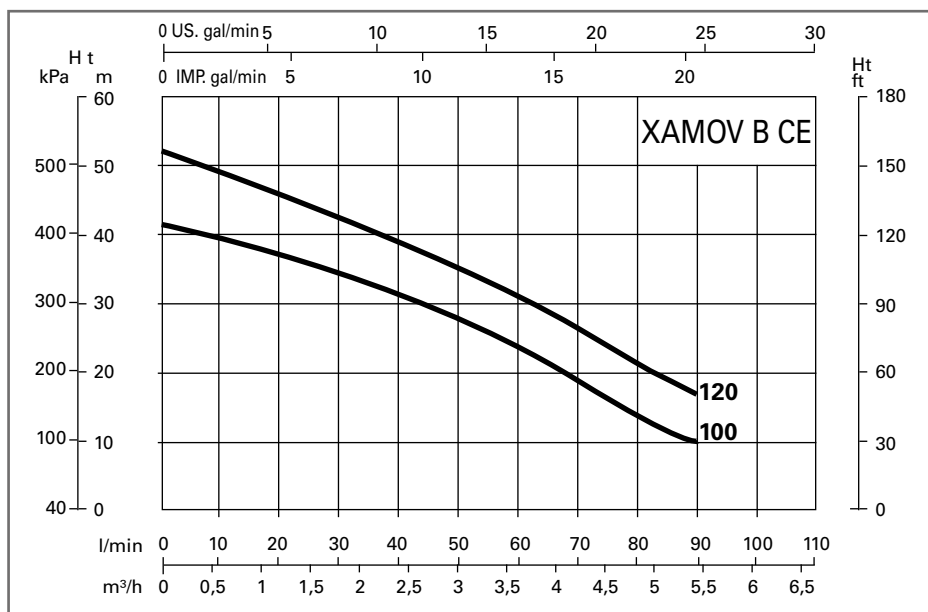
- Motor body, impellers and pump body: Stainless steel AISI 304
- Technopolymer flange
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Polypropilene
- Basis: Stainless steel AISI 304
- Dumping feet: rubber
- Mechanical seal: Graphite ceramics
- Oil chamber on the mechanical seal
- A2 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 capacitor box

AUTO 1-PH	Code	P2 Nom.		1 ~ 50Hz Amp.	Cap µF	Stages	Q (lt/m) Flow								Dimensions mm						Wgt. kg
		kW	Hp	230 V			0	30	40	50	60	70	80	90	A	N	H	H1	DNM	DNA	
							Total Hm in CA														
XAMOV100BCE	0,75	1	6,0	18	4	42	35	34	30	28	24	18	15	525	205	409	50	1"¼	1"	13	
XAMOV120BCE	0,9	1,2	7,2	20	5	52	43	43	40	35	30	25	20	525	205	409	50	1"¼	1"	14	

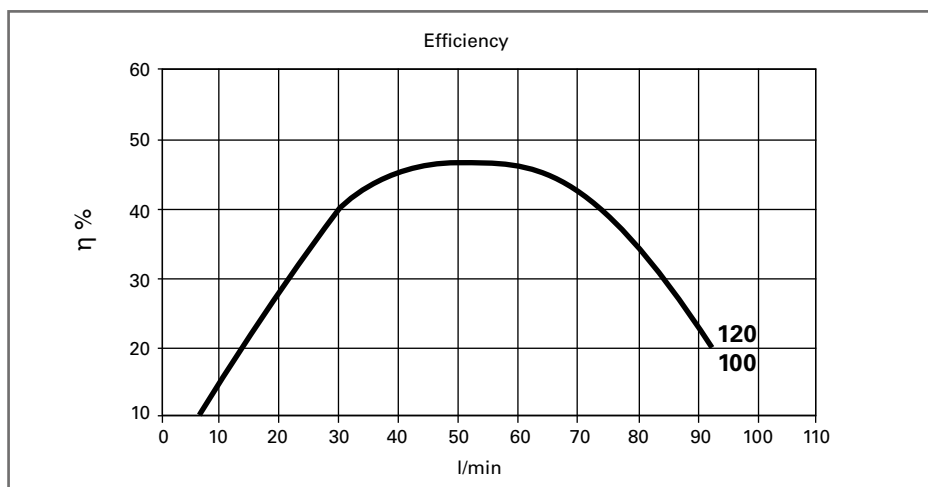
Curves and performance $n = 2900$ 1/min



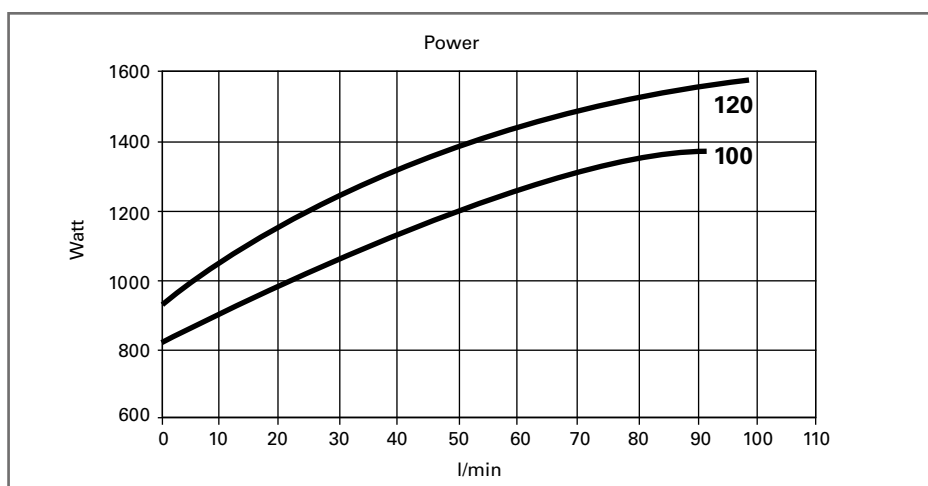
Impeller Stainless steel
AISI 304



Capacitor box



Coupling flange



Technopolymer check valve
assembled



Technopolymer motor support

XAMV CE



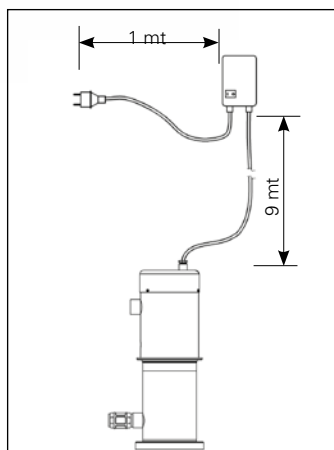
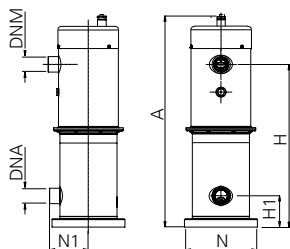
Vertical multistage pump with electronic system and external capacitor



External capacitor box



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 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 $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

Air temperature max $+45^{\circ}\text{C}$

Depth max 5 m

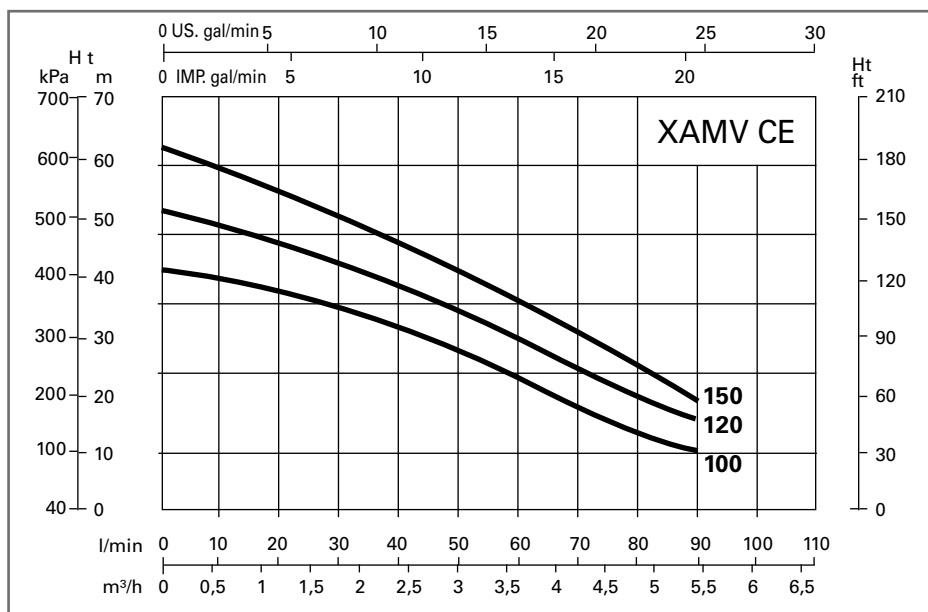
Calibrating pressure rate switch 1,5 bar

Materials

- Motor body, impellers and pump body: Stainless steel AISI 304
- Technopolymer 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 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

AUTO 1-PH	Code	P2 Nom.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lt/m) Flow								Dimensions mm							Wgt.kg
		kW	Hp				230 V	0	30	40	50	60	70	80	90	A	N	H	H1	N1	DNM	
				Total Hm in CA																		
	XAMV100CE	0,75	1	6,0	18	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"¼	17
	XAMV120CE	0,90	1,2	7,2	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"¼	18
	XAMV150CE	1,10	1,5	8,4	20	6	63	48	45	41	36	31	25	12	570	210	394	90	116	1"¼	1"¼	19

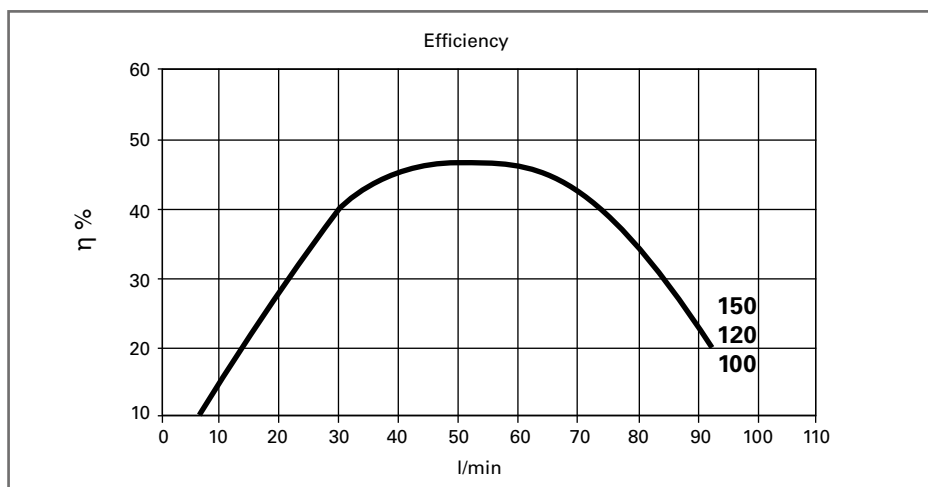
Curves and performance $n = 2900$ 1/min



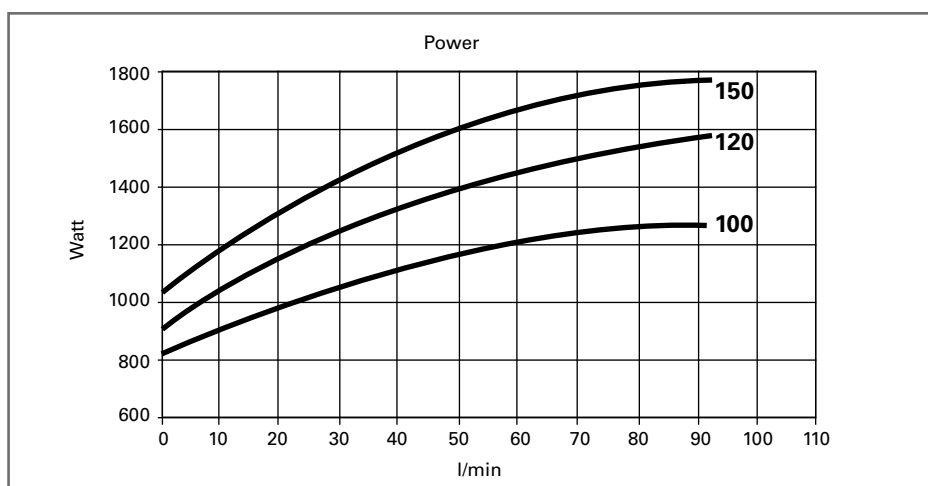
Impeller Stainless steel
AISI 304



Capacitor box



Coupling flange



Brass motor support

XAMV B CE



Vertical multistage pump with electronic system and external capacitor



External capacitor box



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 IP68

Application

- 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 $+2^{\circ}\text{C} \div +40^{\circ}\text{C}$

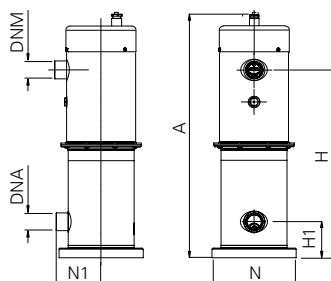
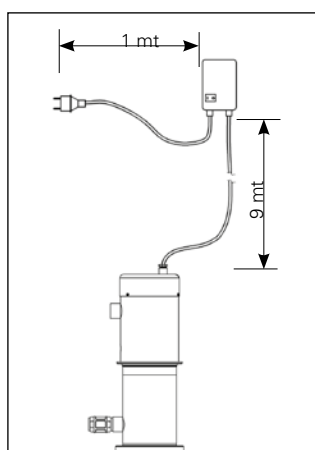
Air temperature max $+45^{\circ}\text{C}$

Depth max 5 m

Calibrating pressure rate switch 1,5 bar

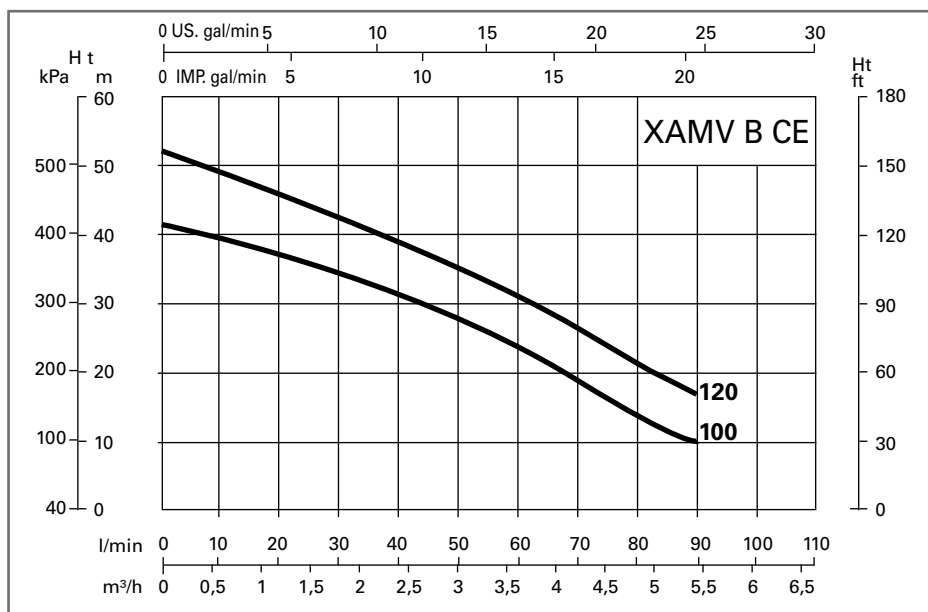
Materials

- Motor body, impellers and pump body: Stainless steel AISI 304
- Technopolymer flange
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Polypropylene
- 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
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AUTO 1-PH	Code	P2 Nom.		1 ~ 50Hz Amp.	Cap μF	Stages	Q (lt/m) Flow								Dimensions mm							Wgt kg
		kW	Hp	230 V			0	30	40	50	60	70	80	90	A	N	H	H1	N1	DNM	DNA	
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	XAMV100BCE	0,75	1	6	18	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"¼	14
	XAMV120BCE	0,90	1,2	7,2	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"¼	15

Curves and performance $n = 2900 \text{ 1/min}$



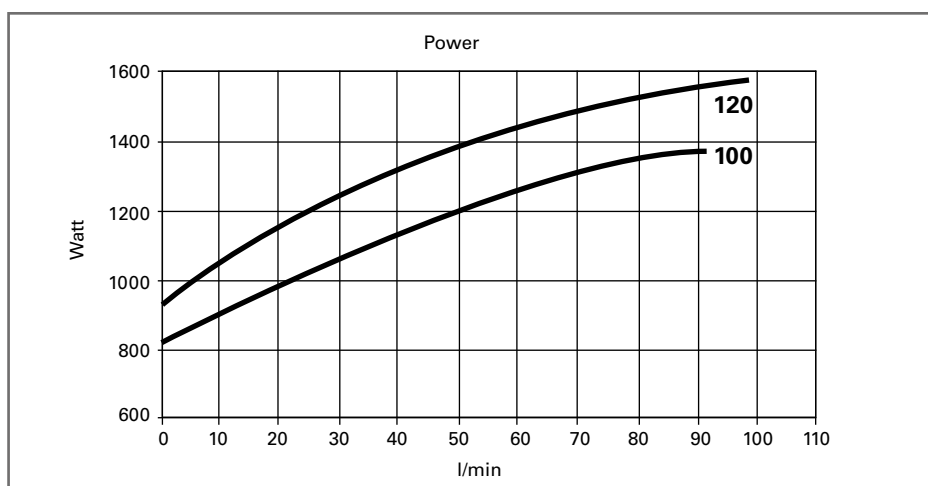
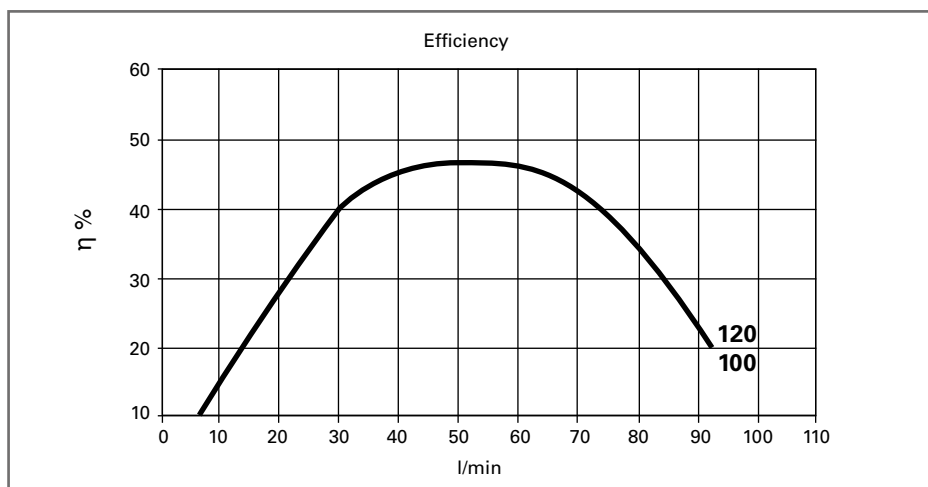
Impeller Stainless steel
AISI 304



Capacitor box



Coupling flange



Technopolymer motor support