XAMV SERIES

Vertical multistage pump with electronic system



XAMV B

NEW

Materials

- Motor body, impellers and pump body: Stainless steel AISI 304
- Technopolymer flanges
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Polypropilene
- Basis: Stainless steel AISI 304
- Dumping feet: Rubber
- Mechanical seal: Graphite / ceramic
- 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



XAMV SD

Materials

- Motor body, impellers and pump body: Stainless steel AISI 304
- Special technopolymer flanges
- Shaft: Stainless steel AISI 420
- Diffuser: Noryl
- Rear cap: Stainless steel AISI 304
- Dumping feet: Rubber
- Mechanical seal: Graphite / ceramic
- 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 he RoHS directive
- Class F insulated motors

Description

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

The single-phase and three-phase versions of the **XMV series**, do not include integrated electronic control technology

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

CE versions

With external capacitor kit for all models



- *Electric cable H07RN8-F length 9 mt Pump / box*
- *Electric cable H07RN8-F length 1mt with Schuko plug*
- *Capacitor box with IP 55 protection class*



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



Technopolymer impeller for all models



Technopolymer motor supports for models XAMV B

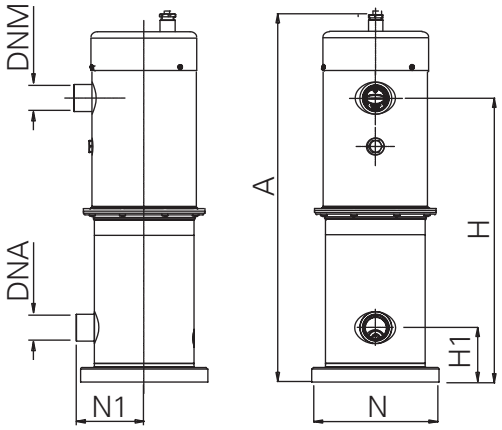


Technopolymer motor supports for models SD

XAMV SERIES

	Code	P_2 Nom.		1 ~ 50Hz Amp.	3 ~ 50Hz Amp.		Cap µF	Stages	Q (lt/m) Flow								Dimensions mm							Wgt. kg
									0	30	40	50	60	70	80	90								
		Hp	kW	230 V	230 V	400 V			Total Hm in CA								A	N	H	H1	N1	DNM	DNA	
AUTO MONO	XAMV100B	1	0,75	6	-	-	18	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"	13,5
	XAMV120B	1,2	0,90	7,2	-	-	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"	15
AUTO MONO	XAMV100BCE	1	0,75	6	-	-	18	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"¼	14
	XAMV120BCE	1,2	0,90	7,2	-	-	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"¼	15
MAN MONO	XMV80B	0,8	0,60	4,5	-	-	16	3	33	28	23	20	18	13	10	7	570	210	394	90	112	1"¼	1"	13,5
	XMV100B	1	0,75	6	-	-	16	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"	14
	XMV120B	1,2	0,90	7,2	-	-	18	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"	15
MAN THR	XMV80BT	0,8	0,60	-	2,2	1,5	-	3	33	28	23	20	18	13	10	7	570	210	394	90	112	1"¼	1"	13,5
	XMV100BT	1	0,75	-	3	2	-	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"	14
	XMV120BT	1,2	0,90	-	3,6	2,5	-	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"	15

	Code	P_2 Nom.		1 ~ 50Hz Amp.	3 ~ 50Hz Amp.		Cap µF	Stages	Q (lt/m) Flow								Dimensions mm							Wgt. kg
									0	30	40	50	60	70	80	90								
		Hp	kW	230 V	230 V	400 V			Total Hm in CA								A	N	H	H1	N1	DNM	DNA	
AUTO MONO	XAMV100SD	1	0,75	6,0	-	-	18	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"¼	17
	XAMV120SD	1,2	0,90	7,2	-	-	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"¼	18
	XAMV150SD	1,5	1,10	8,4	-	-	20	6	63	48	45	41	36	31	25	12	570	210	394	90	116	1"¼	1"¼	19
MAN MONO	XAMV100SDCE	1	0,75	6	-	-	18	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"¼	14
	XAMV120SDCE	1,2	0,90	7,2	-	-	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"¼	15
	XAMV150SDCE	1,5	1,10	8,4	-	-	20	6	63	48	45	41	36	31	25	12	570	210	394	90	112	1"¼	1"¼	19
MAN MONO	XMV80SD	0,8	0,60	5,15	-	-	16	3	33	28	23	20	18	13	10	7	570	210	394	90	112	1"¼	1"¼	16,5
	XMV100SD	1	0,75	6,0	-	-	18	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"¼	17
	XMV120SD	1,2	0,90	7,2	-	-	20	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"¼	18
	XMV150SD	1,5	1,10	8,4	-	-	20	6	63	48	45	41	36	31	25	12	570	210	394	90	116	1"¼	1"¼	19
MAN THR	XMV80TSD	0,8	0,60	-	2,4	1,6	-	3	33	28	23	20	18	13	10	7	570	210	394	90	112	1"¼	1"¼	16,5
	XMV100TSD	1	0,75	-	3	2	-	4	42	35	30	28	24	18	15	10	570	210	394	90	112	1"¼	1"¼	17
	XMV120TSD	1,2	0,90	-	3,3	2,5	-	5	52	43	40	35	30	25	20	15	570	210	394	90	116	1"¼	1"¼	18
	XMV150TSD	1,5	1,10	-	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 η = 2900 1/min

