XAJV P NEW

Self-priming Jet centrifugal pump with electronic system



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.

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

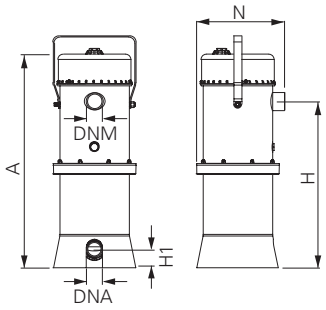
Materials

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

Applications

- Domestic boosting
- Medium sprinkling and surface irrigations
- Tank drainage and transfers
- 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 2.2 bar



	Code	P_2 Nom.		1 ~ 50Hz Amp.	3 ~ 50Hz Amp.		Cap µF	Q (lt/m) Flow							Dimensions mm						Wgt. kg
								0	10	20	30	40	50	60							
		Hp	kW	230 V	230 V	400 V		Total Hm in CA							A	N	H	H1	DNM	DNA	
AUTO MONO	XAJV80P	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	505	218	420	46	1"¼	1"	12
AUTO MONO	XAJV100P	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	535	218	420	46	1"¼	1"	12,5
AUTO MONO	XAJV120P	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	535	218	420	46	1"¼	1"	13,5
AUTO MONO	XAJV80PCE	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	505	218	420	46	1"¼	1"	12
AUTO MONO	XAJV100PCE	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	535	218	420	46	1"¼	1"	12,5
AUTO MONO	XAJV120PCE	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	535	218	420	46	1"¼	1"	13,5
MAN MONO	XJV80P	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	505	218	420	46	1"¼	1"	12
MAN MONO	XJV100P	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	535	218	420	46	1"¼	1"	12,5
MAN MONO	XJV120P	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	535	218	420	46	1"¼	1"	13,5
MAN THR	XJV80PT	0,8	0,60	-	2,2	1,5	-	40	33	30	24	20	15	-	505	218	420	46	1"¼	1"	12
MAN THR	XJV100PT	1	0,75	-	3	1,9	-	47	40	35	30	25	20	5	535	218	420	46	1"¼	1"	12,5
MAN THR	XJV120PT	1,2	0,90	-	3,6	2,3	-	51	45	40	34	30	24	8	535	218	420	46	1"¼	1"	13,5

Curves and performance η = 2900 1/min

