

XAJE SERIES



Self-priming Jet centrifugal pump with electronic system

XAJE P



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

XAJE B



Materials

- Motor body and pump body: Stainless steel AISI 304
- Technopolymer flange
- 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

XAJE SD



Materials

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

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 **XJE series**, do not include integrated electronic control technology.

Applications

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

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 2.2 bar

CE versions

With external capacitor kit for all models



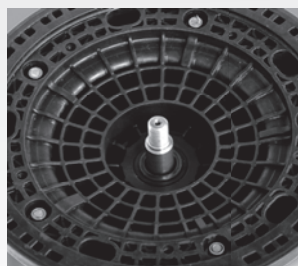
- Electric cable H07RN8-F length 9 mt Pump / box
- Electric cable H07RN8-F length 1mt with Schuko plug
- Capacitor box with IP 55 protection class



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



Technopolymer impeller for all models



Technopolymer motor support for models XAJE P e XAJE B

XAJE SERIES



	Code	P ₂ Nom.		3 ~ 50Hz Amp.		1 ~ 50Hz Amp.	Cap µF	Q (lt/m) Flow						Dimensions mm						Wgt. kg		
		kW	Hp	230 V	400 V	230 V		Q (lt/m) Flow						A	N	H	H1	N1	DNM		DNA	
								0	10	20	30	40	50									60
AUTO MONO	XAJE80P	0,60	0,8	-	-	4,5	16	40	33	30	24	20	15	-	447	204	226	163	136	1"¼	1"	11,5
	XAJE100P	0,75	1	-	-	5,3	16	47	40	35	30	25	20	5	477	204	226	163	136	1"¼	1"	12
	XAJE120P	0,90	1,2	-	-	5,9	18	51	45	40	34	30	24	8	477	204	226	163	136	1"¼	1"	13
	XAJE80PCE	0,60	0,8	-	-	4,5	16	40	33	30	24	20	15	-	447	204	226	163	136	1"¼	1"	11,5
	XAJE100PCE	0,75	1	-	-	5,3	16	47	40	35	30	25	20	5	477	204	226	163	136	1"¼	1"	12
	XAJE120PCE	0,90	1,2	-	-	5,9	18	51	45	40	34	30	24	8	477	204	226	163	136	1"¼	1"	13
MAN MONO	XJE80P	0,60	0,8	-	-	4,5	16	40	33	30	24	20	15	-	447	204	226	163	136	1"¼	1"	11,5
	XJE100P	0,75	1	-	-	5,3	16	47	40	35	30	25	20	5	477	204	226	163	136	1"¼	1"	12
	XJE120P	0,90	1,2	-	-	5,9	18	51	45	40	34	30	24	8	477	204	226	163	136	1"¼	1"	13
MAN THR	XJE80PT	0,60	0,8	2,2	1,5	-	-	40	33	30	24	20	15	-	447	204	226	163	136	1"¼	1"	11,5
	XJE100PT	0,75	1	3	1,9	-	-	47	40	35	30	25	20	5	477	204	226	163	136	1"¼	1"	12
	XJE120PT	0,90	1,2	3,6	2,3	-	-	51	45	40	34	30	24	8	477	204	226	163	136	1"¼	1"	13

	Code	P ₂ Nom.		3 ~ 50Hz Amp.		1 ~ 50Hz Amp.	Cap µF	Q (lt/m) Flow						Dimensions mm						Wgt. kg		
		kW	Hp	230 V	400 V	230 V		Q (lt/m) Flow						A	N	H	H1	N1	DNM		DNA	
								0	10	20	30	40	50									60
AUTO MONO	XAJE80B	0,60	0,8	-	-	4,5	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XAJE100B	0,75	1	-	-	5,3	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XAJE120B	0,90	1,2	-	-	5,9	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16
	XAJE80BCE	0,60	0,8	-	-	4,5	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	11,5
	XAJE100BCE	0,75	1	-	-	5,3	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	12
	XAJE120BCE	0,90	1,2	-	-	5,9	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	13
MAN MONO	XJE80B	0,60	0,8	-	-	4,5	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XJE100B	0,75	1	-	-	5,3	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XJE120B	0,90	1,2	-	-	5,9	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16
MAN THR	XJE80BT	0,60	0,8	2,2	1,5	-	-	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XJE100BT	0,75	1	3	1,9	-	-	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XJE120BT	0,90	1,2	3,6	2,3	-	-	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16

	Code	P ₂ Nom.		3 ~ 50Hz Amp.		1 ~ 50Hz Amp.	Cap µF	Q (lt/m) Flow						Dimensions mm						Wgt. kg		
		kW	Hp	230 V	400 V	230 V		Q (lt/m) Flow						A	N	H	H1	N1	DNM		DNA	
								0	10	20	30	40	50									60
AUTO MONO	XAJE80SD	0,60	0,8	-	-	4,5	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XAJE100SD	0,75	1	-	-	5,3	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XAJE120SD	0,90	1,2	-	-	5,9	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16
	XAJE80CESD	0,60	0,8	-	-	4,5	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	11,5
	XAJE100CESD	0,75	1	-	-	5,3	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	12
	XAJE120CESD	0,90	1,2	-	-	5,9	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	13
MAN MONO	XJE80SD	0,60	0,8	-	-	4,5	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XJE100SD	0,75	1	-	-	5,3	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XJE120SD	0,90	1,2	-	-	5,9	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16
MAN THR	XJE80TSD	0,60	0,8	2,2	1,5	-	-	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XJE100TSD	0,75	1	3	1,9	-	-	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XJE120TSD	0,90	1,2	3,6	2,3	-	-	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16

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

