XAJE SERIES NEW

Self-priming Jet centrifugal pump with electronic system

XAJE P



Materials

- Motor body: Stainless steel AISI 304
- Technopolymer flanges 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 flanges
- 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
- Special technopolymer flanges
- 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°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 XAJE P e XAJE B



Technopolymer motor supports for models SD

XAJE SERIES

	Code	P_2 Nom.		1 ~ 50Hz Amp.	3 ~ 50Hz Amp.		Cap µF	Q (lt/m) Flow							Dimensions mm							Wgt. kg
		Hp	kW	230 V	230 V	400 V		0	10	20	30	40	50	60	A	N	H	H1	N1	DNM	DNA	
								Q (lt/m) Flow														
AUTO MONO	XAJE80P	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	447	204	226	163	136	1"¼	1"	11,5
	XAJE100P	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	477	204	226	163	136	1"¼	1"	12
	XAJE120P	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	477	204	226	163	136	1"¼	1"	13
	XAJE80PCE	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	447	204	226	163	136	1"¼	1"	11,5
	XAJE100PCE	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	477	204	226	163	136	1"¼	1"	12
	XAJE120PCE	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	477	204	226	163	136	1"¼	1"	13
MAN MONO	XJE80P	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	447	204	226	163	136	1"¼	1"	11,5
	XJE100P	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	477	204	226	163	136	1"¼	1"	12
	XJE120P	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	477	204	226	163	136	1"¼	1"	13
MAN THR	XJE80PT	0,8	0,60	-	2,2	1,5	-	40	33	30	24	20	15	-	447	204	226	163	136	1"¼	1"	11,5
	XJE100PT	1	0,75	-	3	1,9	-	47	40	35	30	25	20	5	477	204	226	163	136	1"¼	1"	12
	XJE120PT	1,2	0,90	-	3,6	2,3	-	51	45	40	34	30	24	8	477	204	226	163	136	1"¼	1"	13

	Code	P_2 Nom.		1 ~ 50Hz Amp.	3 ~ 50Hz Amp.		Cap µF	Q (lt/m) Flow							Dimensions mm							Wgt. kg
		Hp	kW	230 V	230 V	400 V		0	10	20	30	40	50	60	A	N	H	H1	N1	DNM	DNA	
								Q (lt/m) Flow														
AUTO MONO	XAJE80B	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XAJE100B	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XAJE120B	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16
	XAJE80BCE	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	11,5
	XAJE100BCE	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	12
	XAJE120BCE	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	13
MAN MONO	XJE80B	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XJE100B	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XJE120B	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16
MAN THR	XJE80BT	0,8	0,60	-	2,2	1,5	-	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XJE100BT	1	0,75	-	3	1,9	-	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XJE120BT	1,2	0,90	-	3,6	2,3	-	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16

	Code	P_2 Nom.		1 ~ 50Hz Amp.	3 ~ 50Hz Amp.		Cap µF	Q (lt/m) Flow							Dimensions mm							Wgt. kg
		Hp	kW	230 V	230 V	400 V		0	10	20	30	40	50	60	A	N	H	H1	N1	DNM	DNA	
								Q (lt/m) Flow														
AUTO MONO	XAJE80SD	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XAJE100SD	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XAJE120SD	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16
	XAJE80SDCE	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	11,5
	XAJE100SDCE	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	12
	XAJE120SDCE	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	13
MAN MONO	XJE80SD	0,8	0,60	4,5	-	-	16	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XJE100SD	1	0,75	5,3	-	-	16	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XJE120SD	1,2	0,90	5,9	-	-	18	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16
MAN THR	XJE80TSD	0,8	0,60	-	2,2	1,5	-	40	33	30	24	20	15	-	447	200	226	163	136	1"¼	1"	14,5
	XJE100TSD	1	0,75	-	3	1,9	-	47	40	35	30	25	20	5	477	200	226	163	136	1"¼	1"	15
	XJE120TSD	1,2	0,90	-	3,6	2,3	-	51	45	40	34	30	24	8	477	200	226	163	136	1"¼	1"	16

Curves and performance η = 2900 1/min







