

# STEELPUMPS

E V O L U T I O N

Code **X-AJE P**

Self-priming Jet centrifugal pump with electronic system



## PLUS

- 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: Aisi 304
- Technopolymer flange and pump body
- Shaft: Aisi 420
- Diffuser, Impeller and Venturi Jet: Noryl
- Rear cap: Polypropilene
- Basis: Aisi 304
- Mechanical seal: Graphite ceramics
- Mechanical seal lubricated by a special oil chamber
- A2 Stainless steel bolts
- NBR70 O-ring
- H07RN-F Electric cable 10m length with Schuko plug
- Tropicalized circuit board in compliance with the RoHS directive

## ELECTRICAL FEATURES

Code	P2 Nom.		3~ 50Hz Amp.		1~ 50Hz Amp.	Cap. μF
	kW	HP	230V	400V	230 V	
<b>X-AJE 80P</b>	0.60	0.8	2.2	1.5	4.5	16
<b>X-AJE 100P</b>	0.75	1	3	1.9	5.3	16
<b>X-AJE 120P</b>	0.90	1.2	3.6	2.3	6.3	18

Class F insulated motor      S1 Motor Service Factor

## HYDRAULIC FEATURES

Code	Q (l/min) FLOW							
	0	10	20	30	40	50	60	
	H HYDRAULIC HEAD							
<b>X-AJE 80P</b>	m	40	33	30	24	20	15	
<b>X-AJE 100P</b>		47	40	35	30	25	20	5
<b>X-AJE 120P</b>		49	43	38	32	30	24	8

## CHARACTERISTICS AND INSTALLATION

Drained liquid	Clean water
Liquid temperature range	+2°C ÷ +37°C
Air temperature	max +45°C
Maximum depth	max 5 m
Calibrating pressure rate switch	1.5 bar

## MEASUREMENTS

Code	Measures							Weight kg
	A	N	H	H1	N1	DNM	DNA	
<b>X-AJE 80P</b>	447	200	226	163	136	1 1/4"	1"	11.5
<b>X-AJE 100P</b>	477	200	226	163	136	1 1/4"	1"	12
<b>X-AJE 120P</b>	477	200	226	163	136	1 1/4"	1"	13

