

STEELPUMPS

E V O L U T I O N

X-AJE/JE B Series

Self priming centrifugal jet pump with or without electronic pressure control, single or 3 phase.

PLUS

UP/Down technology for submerged, surface or underground installation.

Protection rating IP 68.

Automatic version includes pressure control, anti-blocking system and dry run protection with automatic restart.

MATERIALS

Motor body: Aisi 304

Pump body: Aisi 304

Rotor Shaft: Aisi 420

Supporting flanges: Polypropylene

Diffuser, Impeller and Venturi Jet: Noryl

Rear cap: Polypropylene

Basis: Aisi 304

Mechanical seal: Silicon Carbide

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 Amps		1~ 50Hz Amps	Cap. μ F
	KW	HP	230V	400V	230V	
X-AJE/JE 80B	0.6	0.8	2.2	1.5	4.5	16
X-AJE/JE 100B	0.75	1	3	1.9	5.3	16
X-AJE/JE 120B	0.9	1.2	3.6	2.3	6.3	18

Class F insulated motor S1 Motor Service Factor

HYDRAULIC FEATURES

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

CHARACTERISTICS AND INSTALLATION

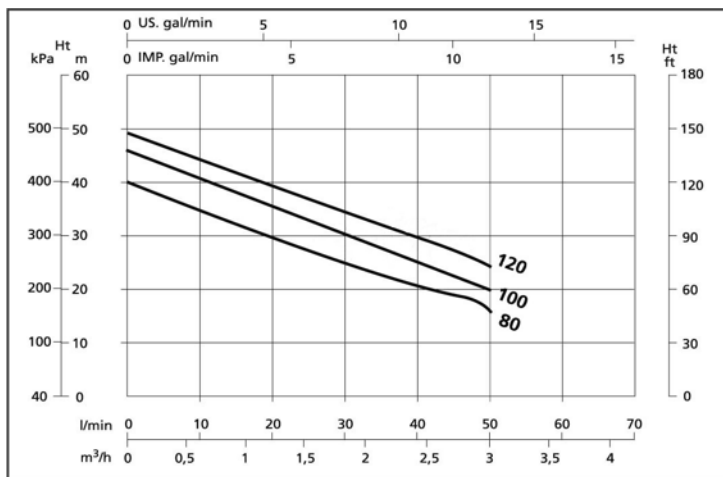
Drained Liquid	Clean Water
Liquid temperature range	+2°C to +37°C
Air temperature	max +45°C
Maximum depth	5m
Calibrating pressure rate switch	1.5 bar

DIMENSIONS AND WEIGHTS

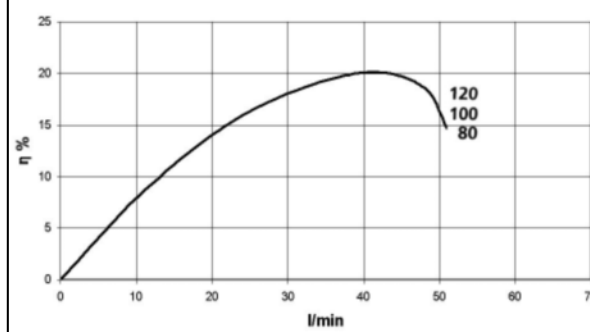
Code	Measurement (mm unless indicated)							Weight Kg
	A	N	H	H1	N1	DMN	DNA	
X-AJE/JE 80B	447	200	226	163	136	1 1/4"	1"	11.5
X-AJE/JE 100B	447	200	226	163	136	1 1/4"	1"	12
X-AJE/JE 120B	447	200	226	163	136	1 1/4"	1"	13



PERFORMANCE CURVES



Efficiency



Power

