

STEELPUMPS

E V O L U T I O N

X-AJV/JV P Series

Self priming vertical 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: Polypropylene

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 3-Pin UK plug

Tropicalized circuit board in compliance with the RoHS directive

ELECTRICAL FEATURES

Code	P2 Nom.		3~ 50Hz Amps		1~ 50Hz Amps
	KW	HP	230V	400V	230V
X-AJV/JV 100P	0.75	1	3	1.9	5.3
X-AJV/JV 120P	0.9	1.2	3.6	2.3	6.3
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-AJV/JV 100P	47	40	35	30	25	20	5
X-AJV/JV 120P	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

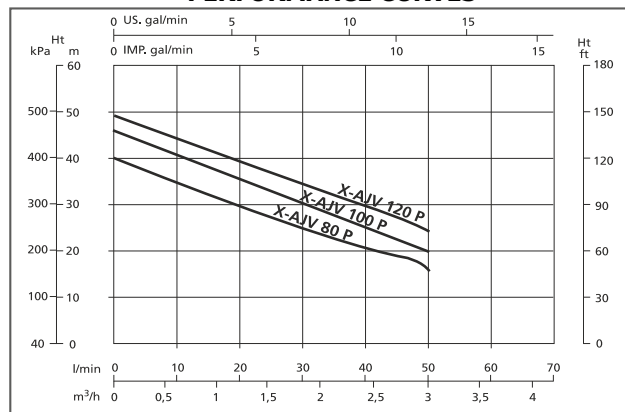
DIMENSIONS AND WEIGHTS

Code	Measurement (mm unless indicated)						Weight
	A	N	H	H1	DMN	DNA	Kg
X-AJV/JV 100P	447	200	226	46	1"1/4	1"	15
X-AJV/JV 120P	447	200	226	46	1"1/4	1"	16

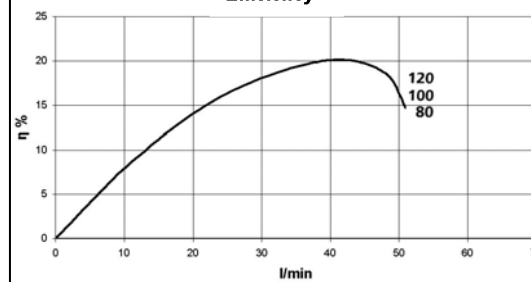


CHECK VALVE INCLUDED

PERFORMANCE CURVES



Efficiency



Power

