STEELPUMPS
EVOLUTION

X-AJE/JE PRO Series

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

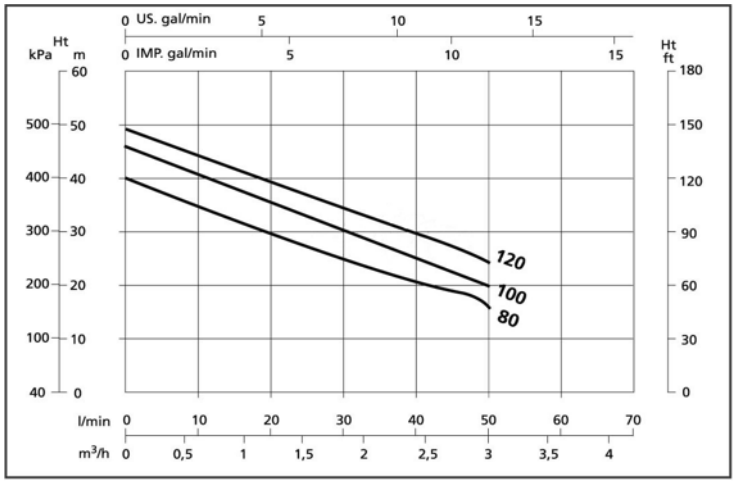
PLUS

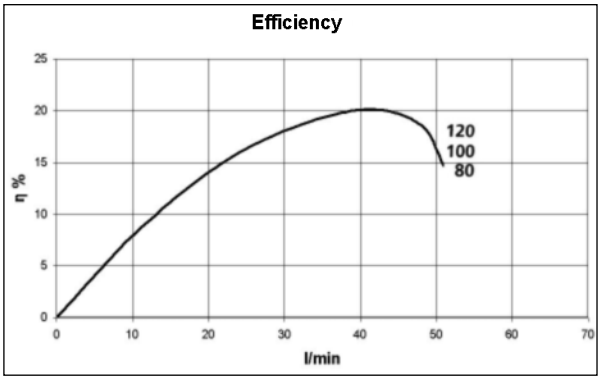
UP/Down technology for submerged, surface or underground installation.
Protection rating IP 68.
Automatic version includes pressure control, anti-blocking system and dry run protection with automatic restart.

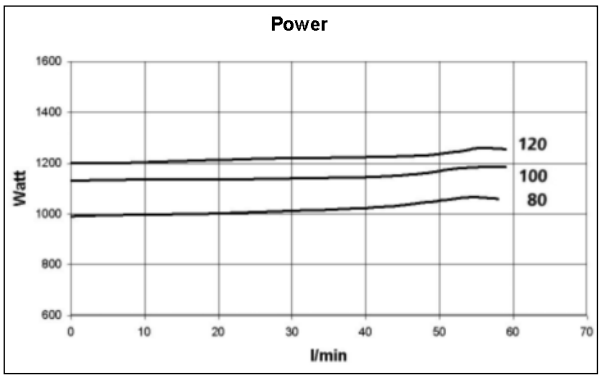
MATERIALS

Motor body: Aisi 304
Pump body: Aisi 304
Rotor shaft: Aisi 420
Supporting flanges: Brass
Diffuser, Impeller and Venturi Jet: Noryl
Rear cap: Aisi 304
Basis: Aisi 304
Mechanical seal: Ceramic/Graphite
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

PERFORMANCE CURVES







ELECTRICAL FEATURES

Code	P2 Nom.		3~ 50Hz Amps		1~ 50Hz Amps	Cap.
	KW	HP	230V	400V	230V	µF
X-AJE/JE 80	0.6	0.8	2.2	1.5	4.5	16
X-AJE/JE 100	0.75	1	3	1.9	5.3	16
X-AJE/JE 120	0.9	1.2	3.6	2.3	5.9	18
Class F insulated motor				S1 Motor Service Factor		

HYDRAULIC FEATURES

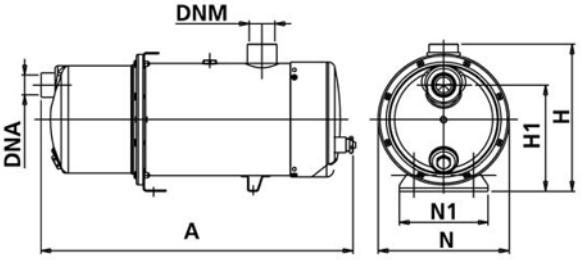
Code	Q (l/m) FLOW						
	0	10	20	30	40	50	60
	H HYDRAULIC HEAD (m)						
X-AJE/JE 80	40	33	30	24	20	15	
X-AJE/JE 100	45	40	35	30	25	20	5
X-AJE/JE 120	51	45	40	34	30	24	8

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	N1	DMN	DNA	Kg
X-AJE/JE 80	447	200	226	163	136	1"¼	1"	14.5
X-AJE/JE 100	447	200	226	163	136	1"¼	1"	15
X-AJE/JE 120	447	200	226	163	136	1"¼	1"	16



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