



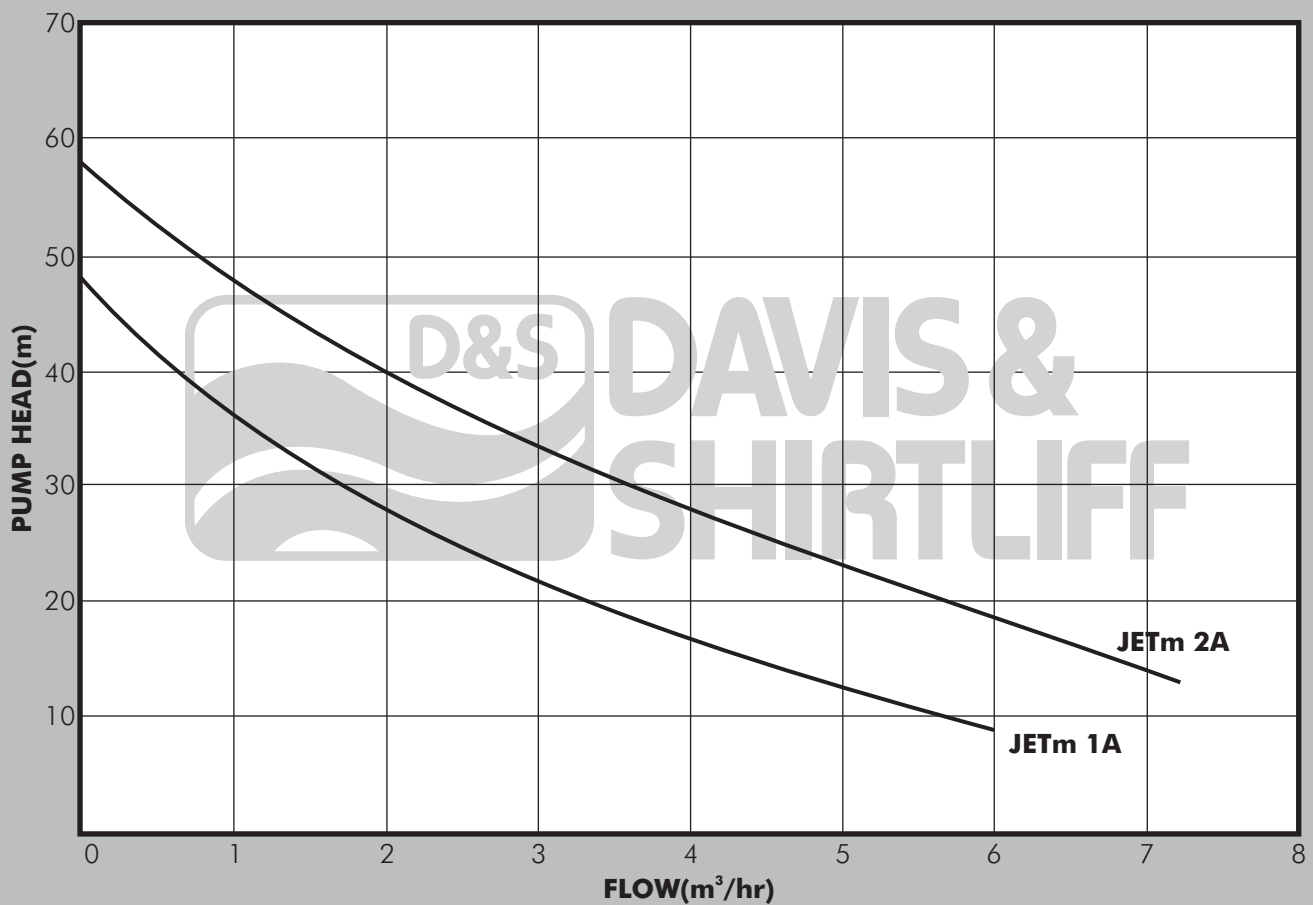
# PEDROLLO

MADE IN ITALY

## DATA SHEET

Self Priming  
Centrifugal Jet Pumps

## FUTURE JET



## PUMP

PEDROLLO FUTURE JET pumps are of centrifugal self-priming with improved jet design to provide highly efficient suction performance in various domestic, small scale water boosting and irrigation applications. The integral ejector design enables the pump to handle water with air without damaging the pump. They are particularly suited for in-ground installations, especially when fitted to an automatic control unit. Material of construction is cast iron pump body with epoxy electro coating treatment, noryl ejectors and AISI 304SS impeller for Jet1 and noryl for Jet2A.

FUTURE JET, is an innovative development of the classic jet pumps capable of developing the same pressure at double the capacity of its predecessor with up to 50% reduction in energy consumption .

## MOTOR

Pumps are close coupled to TEFC brushless induction motors designed for continuous operation. A thermal relay is provided in the windings to protect against electrical and mechanical overload. Motors can be connected directly to the mains power supply through a 10A fuse or MCB.

**Enclosure Class:** IPX4

**Insulation Class:** F

**Voltage:** 1x240V

**Speed:** 2900rpm

## OPERATING CONDITIONS

**Pumped liquid:** Thin, clean, chemically non-aggressive liquids without abrasive particles or fibres

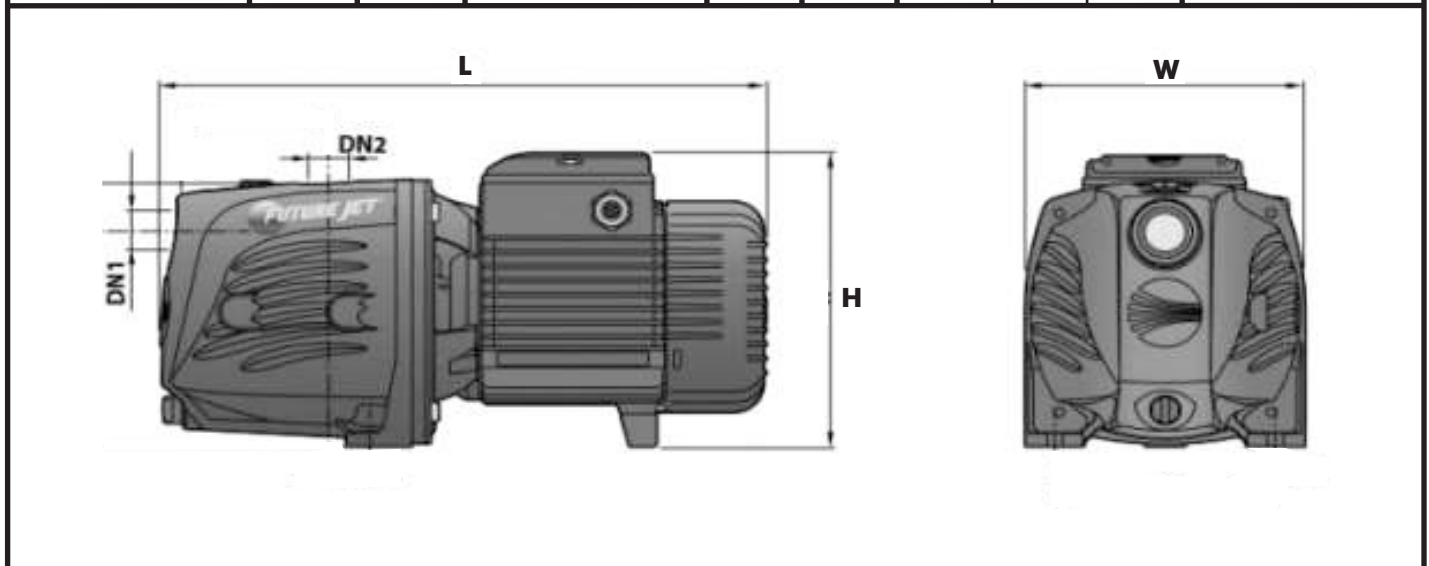
**Max. Fluid Temperature:** +40°C

**Max. Ambient Temperature:** +40°C

**Max. Suction Lift:** 9m

## PUMP DATA

Model	Power		Current (A)	DN1 (")	DN2 (")	Dimensions(mm)			Weight (kg)
	KW	HP				L	H	W	
JETm1A	0.55	0.75	3.9	1	1	357	171	158	11
JETm 2AX	1.1	1.5	6.5			389	200	180	15



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