



JET 08SS

Self-priming "JET" pumps

For clear water

TECHNICAL CHARACTERISTICS

- New self-priming electric water pumps
- Better hydraulic characteristics
- Better priming performances
- Reduced energy consumption
- Pump body in stainless steel AISI 304
- Impeller in stainless steel AISI 304

INSTALLATION AND USE

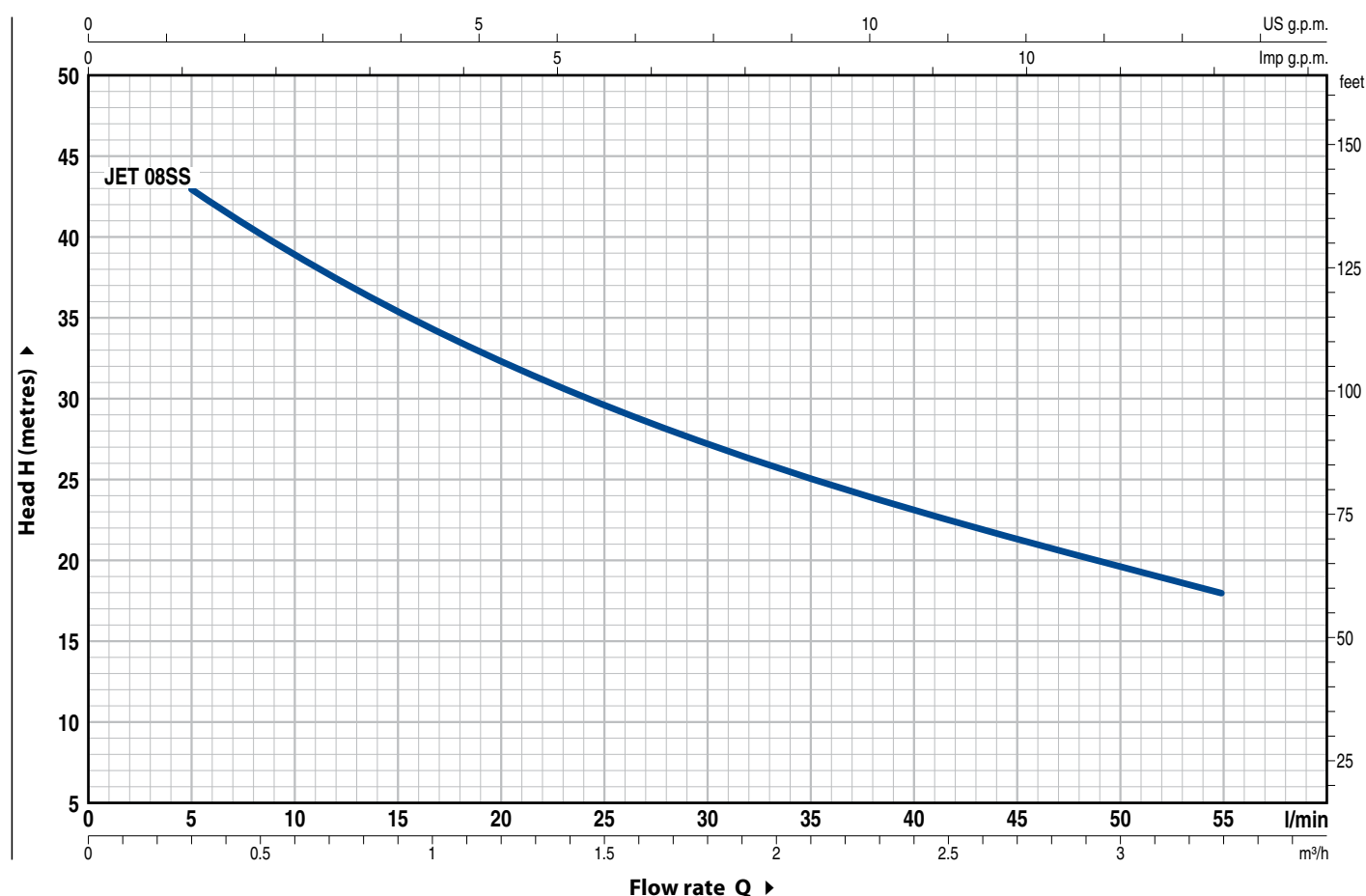
Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The self-priming **JET** pumps are designed to pump water even in cases where air is present. As a result of their reliability and the fact that they are easy to use, they are recommended for use in domestic applications such as the distribution of water in combination with small or medium sized pressure sets, and for the irrigation of gardens and allotments, etc.

APPLICATION LIMITS

- Manometric suction lift up to **9 m** (HS)
- Liquid temperature between **-10 °C** and **+40 °C**
- Ambient temperature up to **+40 °C**
- Max. working pressure **6 bar**
- Continuous service **S1**

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 1/min HS= 0 m



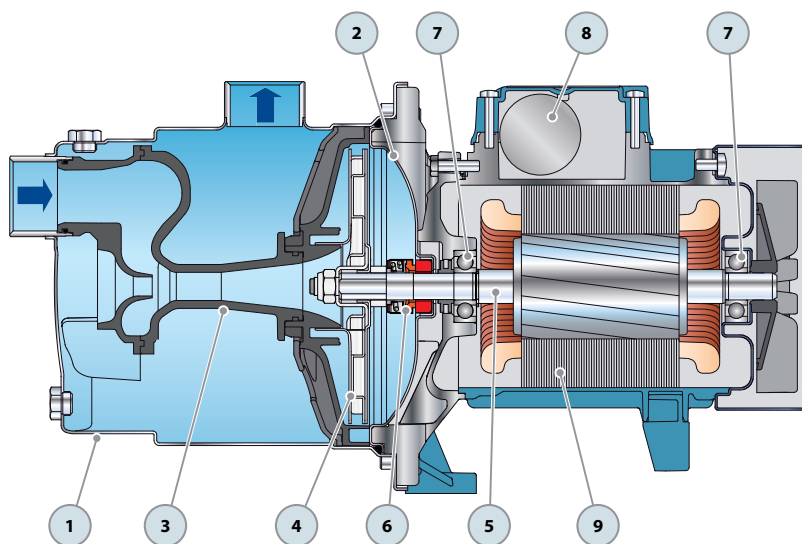
MODEL		POWER		Q m³/h l/min										
Single-phase	Three-phase	kW	HP		0	0.3	0.6	1.2	1.5	1.8	2.4	2.7	3.0	3.3
JET 08MSS	JET 08SS	0.60	0.85	H metres	48	43	39	32	29.5	27.5	23	21.5	19.5	18

Q = Flow rate H = Total manometric head HS = Suction height

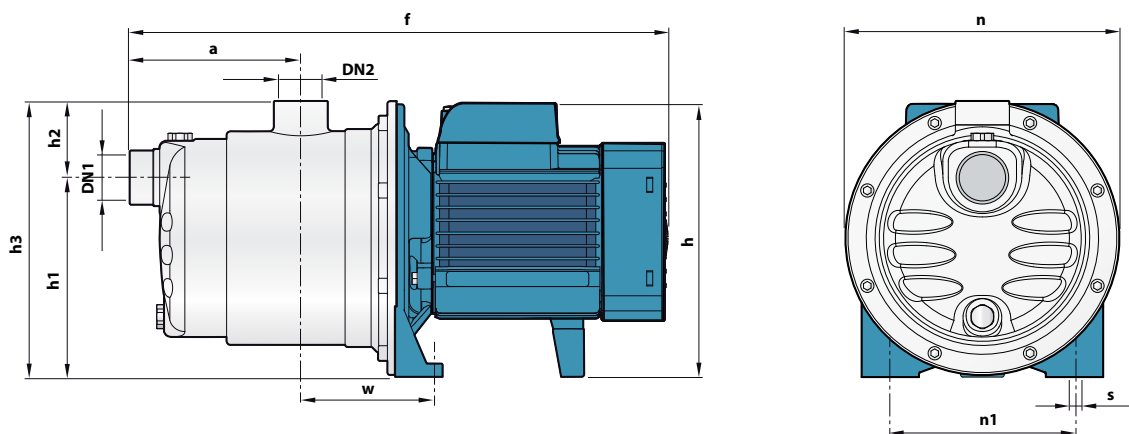
Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3.

POS. COMPONENT CONSTRUCTION CHARACTERISTICS

1	PUMP BODY	Stainless steel AISI 304, complete with threaded ports in compliance with ISO 228/1				
2	BODY BACKPLATE	Stainless steel AISI 304				
3	NOZZLE ASSEMBLY	Noryl FE1520PW				
4	IMPELLER	Stainless steel AISI 304				
5	MOTOR SHAFT	Stainless steel EN 10088-3 - 1.4104				
6	MECHANICAL SEAL	Seal Model	Shaft Diameter	Stationary ring	Materials Rotational ring	Elastomer
		AR-12	Ø 12 mm	Ceramic	Graphite	NBR
7	BEARINGS	6201 ZZ / 6201 ZZ				
8	CAPACITOR	Pump Single-phase	Capacitance (230 V or 240 V)			
		JET 08MSS	14 µF 450 VL			
9	ELECTRIC MOTOR	JET: single-phase 230 V - 50 Hz with thermal overload protector built-in to the winding. JET: three-phase 230/400 V - 50 Hz. – Insulation: F class. – Protection: IP X4.				



DIMENSIONS



MODEL		PORTS		DIMENSIONS mm									
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	h3	n	n1	w	s
JET 08SS	JET 08SS	1"	1"	113	357	182	132	51	183	182	120	87	9

Via Enrico Fermi, 27 San Bonifacio (VR)
T +39 045 6102379 - F +39 045 7614264
www.citypumps.com - sales@citypumps.com

