

# JET 1

## SELF-PRIMING "JET" PUMPS

 Clean water  Domestic use



### PERFORMANCE RANGE

- Flow rate up to **60 l/min** (3.6 m<sup>3</sup>/h)
- Head up to **48 m**

### 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**

### CONSTRUCTION AND SAFETY STANDARDS

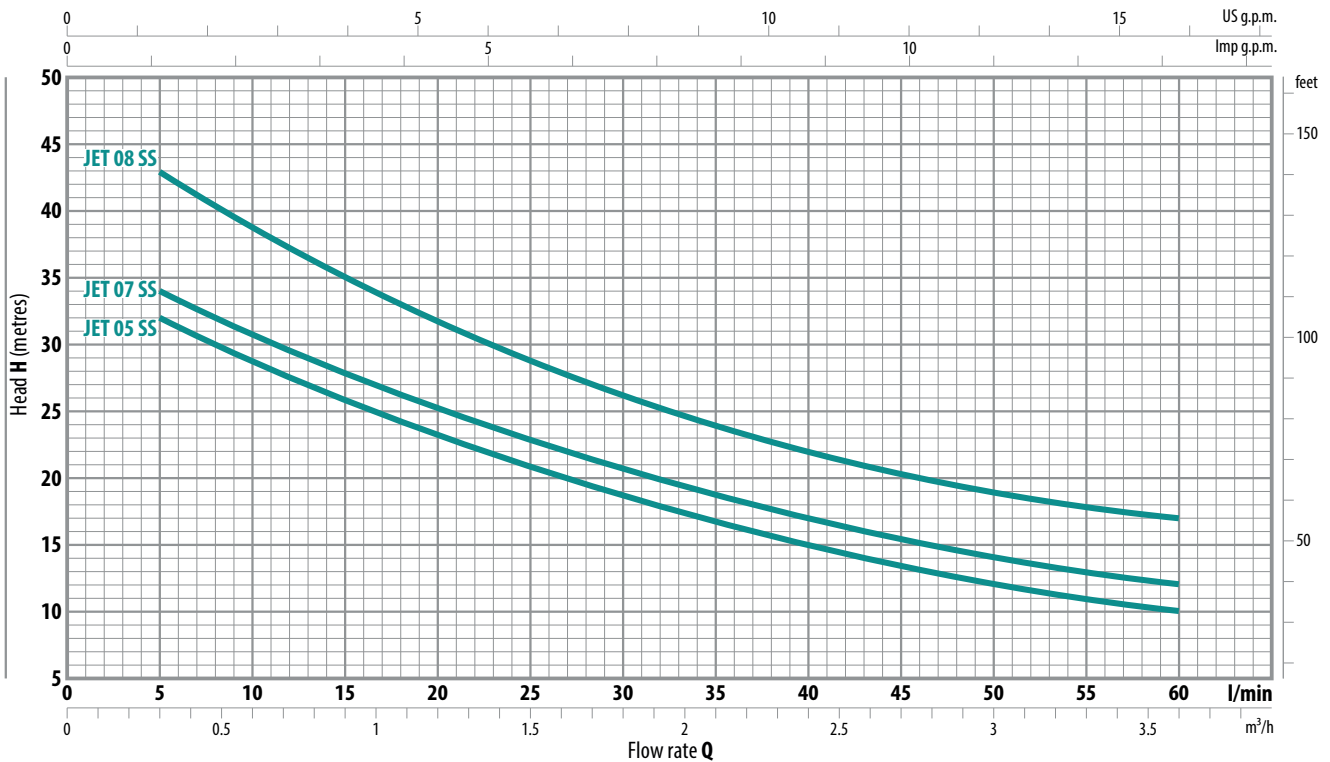
EN 60335-1  
IEC 60335-1  
CEI 61-150

EN 60034-1  
IEC 60034-1  
CEI 2-3



## CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz | n = 2900 min<sup>-1</sup> | HS = 0 m



MODEL		POWER (P <sub>2</sub> )		Q	Flow rate											
Single-phase	Three-phase	kW	HP		m <sup>3</sup> /h	0	0.3	0.6	1.2	1.5	1.8	2.4	2.7	3.0	3.6	
				l/min	0	5	10	20	25	30	40	45	50	60		
JET 05M SS	JET 05 SS	0.37	0.50	H metres	35	32	28.5	23.5	21	18.5	15	13.5	12	10		
JET 07M SS	JET 07 SS	0.48	0.65		37	34	30.5	25.5	23	20.5	17	15.5	14	12		
JET 08M SS	JET 08 SS	0.55	0.75		48	43	39	31.5	28.5	26	22	20.5	19	17		

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

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

## INSTALLATION AND USE

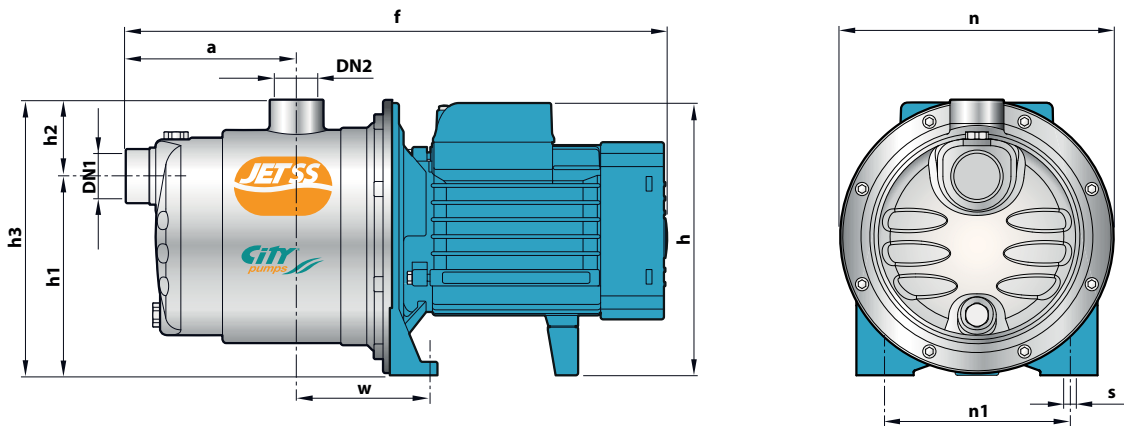
Suitable for use with clean water and with liquids that are not chemically aggressive towards the materials from which the pump is made. The self-priming **JET SS** pumps are designed to pump water even in cases where air is present. Because of their reliability and the fact that they are easy to use,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

The pump should be installed in an enclosed environment or sheltered from inclement weather.

## CONSTRUCTION CHARACTERISTICS

<b>PUMP BODY</b>	Stainless steel AISI 304 complete with threaded ports in compliance with ISO 228/1
<b>IMPELLER</b>	Stainless steel AISI 304
<b>MOTOR SHAFT</b>	Stainless steel EN 10088-3 - 1.4104
<b>MECHANICAL SEAL</b>	Ceramic - Graphite - NBR
<b>ELECTRIC MOTOR</b>	The three-phase pumps are fitted with high performance motors in class IE2 (IEC 60034-30)

## DIMENSIONS AND WEIGHT



MODEL		PORTS		DIMENSIONS mm										kg	
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	h3	n	n1	w	s	1~	3~
JET 05M SS	JET 05 SS	1"	1"	113	361	182	132	51	183	182	120	87	9	7.1	7.1
JET 07M SS	JET 07 SS													7.2	7.2
JET 08M SS	JET 08 SS													7.8	7.2

## ABSORPTION

MODEL	VOLTAGE		
<b>Single-phase</b>	230 V	240 V	110 V
JET 05M SS	2.8 A	2.7 A	5.6 A
JET 07M SS	3.1 A	3.0 A	6.0 A
JET 08M SS	3.9 A	3.8 A	7.3 A

MODEL	VOLTAGE					
<b>Three-phase</b>	230 V	400 V	690 V	240 V	415 V	720 V
JET 05 SS	2.1 A	1.2 A	0.7 A	2.0 A	1.1 A	0.6 A
JET 07 SS	2.3 A	1.3 A	0.8 A	2.2 A	1.2 A	0.7 A
JET 08 SS	3.0 A	1.7 A	1.0 A	2.9 A	1.6 A	0.9 A

## PALLETIZATION

MODEL		GROUPAGE	CONTAINER
Single-phase	Three-phase	n. pumps	n. pumps
JET 05M SS	JET 05 SS	84	120
JET 07M SS	JET 07 SS	84	120
JET 08M SS	JET 08 SS	84	120