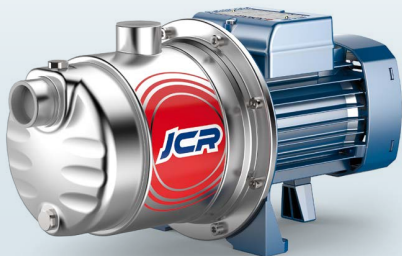


# JCRm 1C

## Self-priming "JET" pump

 Clean water

 Domestic use



### PERFORMANCE RANGE

- Flow rate up to **951 GPH** (19 US g.p.m)
- Head up to **114 feet**

### APPLICATION LIMITS

- Manometric suction lift up to **29 feet** (HS)
- Liquid temperature between **14 °F** and **104 °F**
- Ambient temperature up to **104 °F**
- 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



### CERTIFICATIONS

Company with management system certified DNV  
ISO 9001: QUALITY  
ISO 14001: ENVIRONMENT

### 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 JCR 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.

### PATENTS - TRADE MARKS - MODELS

- European Patent n. 1 510 696

### OPTIONS AVAILABLE ON REQUEST

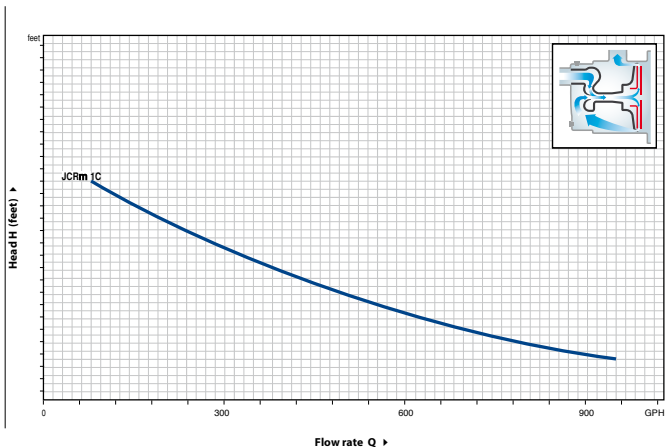
- Pump body with NPT ANSI B 1.20.1 threaded ports
- Other voltages

### GUARANTEE

2 years subject to terms and conditions

## CHARACTERISTIC CURVES AND PERFORMANCE DATA

60 Hz n= 3450 rpm HS= 0 m

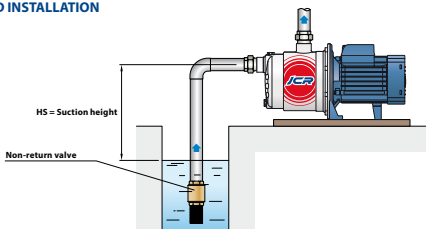


MODEL Single-phase	POWER (P <sub>2</sub> )		Q	Flow rate (GPH)									
	kW	HP		0	79	159	317	396	476	634	713	792	951
JCRm 1C	0.37	0.50	H	Total manometric head (feet)									
			feet	114	105	93	77	69	61	49	44	39	33

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

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

## STANDARD INSTALLATION

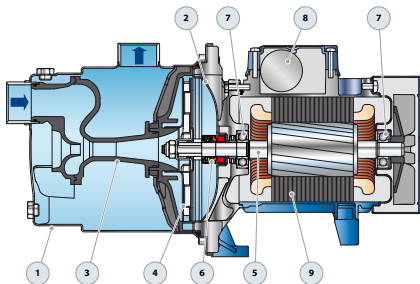


# JCRm 1C

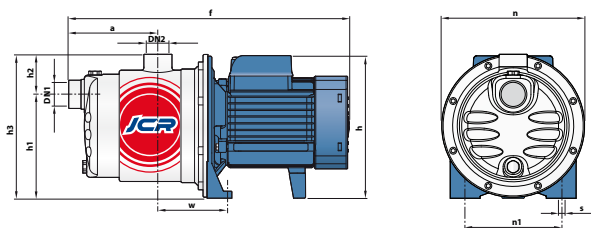
## POS. COMPONENT

## CONSTRUCTION CHARACTERISTICS

1	<b>PUMP BODY</b>	Stainless steel AISI 304 complete with threaded ports in compliance with ISO 228/1				
2	<b>BODY BACKPLATE</b>	Stainless steel AISI 304				
3	<b>NOZZLE ASSEMBLY</b>	Noryl FE1520PW				
4	<b>IMPELLER</b>	Stainless steel AISI 304				
5	<b>MOTOR SHAFT</b>	Stainless steel EN 10088-3 - 1.4104				
6	<b>MECHANICAL SEAL</b>	<i>Seal Model</i> <b>AR-12</b>	<i>Shaft Diameter</i> <b>Ø 12 mm</b>	<i>Stationary ring</i> Ceramic	<i>Materials</i> <i>Rotational ring</i> Graphite	<i>Elastomer</i> NBR
7	<b>BEARINGS</b>	<b>6201 ZZ / 6201 ZZ</b>				
8	<b>CAPACITOR</b>	<i>Pump</i> <i>Single-phase</i> <b>JCRm 1C</b>	<i>Capacitance</i> <i>(115 V)</i> <b>25 µF - 250 VL</b>			
9	<b>ELECTRIC MOTOR</b>	<b>JCRm:</b> single-phase 115/230 V - 60 Hz with thermal overload protector incorporated into the winding.  – Insulation: class F – Protection: IP X4				



## DIMENSIONS AND WEIGHT



MODEL	PORTS		DIMENSIONS mm										lbs
	DN1	DN2	a	f	h	h1	h2	h3	n	n1	w	s	
Single-phase	1"	1"	113	361	182	132	51	183	182	120	87	9	15.6

## ABSORPTION

MODEL	VOLTAGE	
	Single-phase	230 V
JCRm 1C	3.0 A	6.0 A

## PALLETIZATION

MODEL	GROUPAGE	CONTAINER
Single-phase	n. pumps	n. pumps
JCRm 1C	84	120