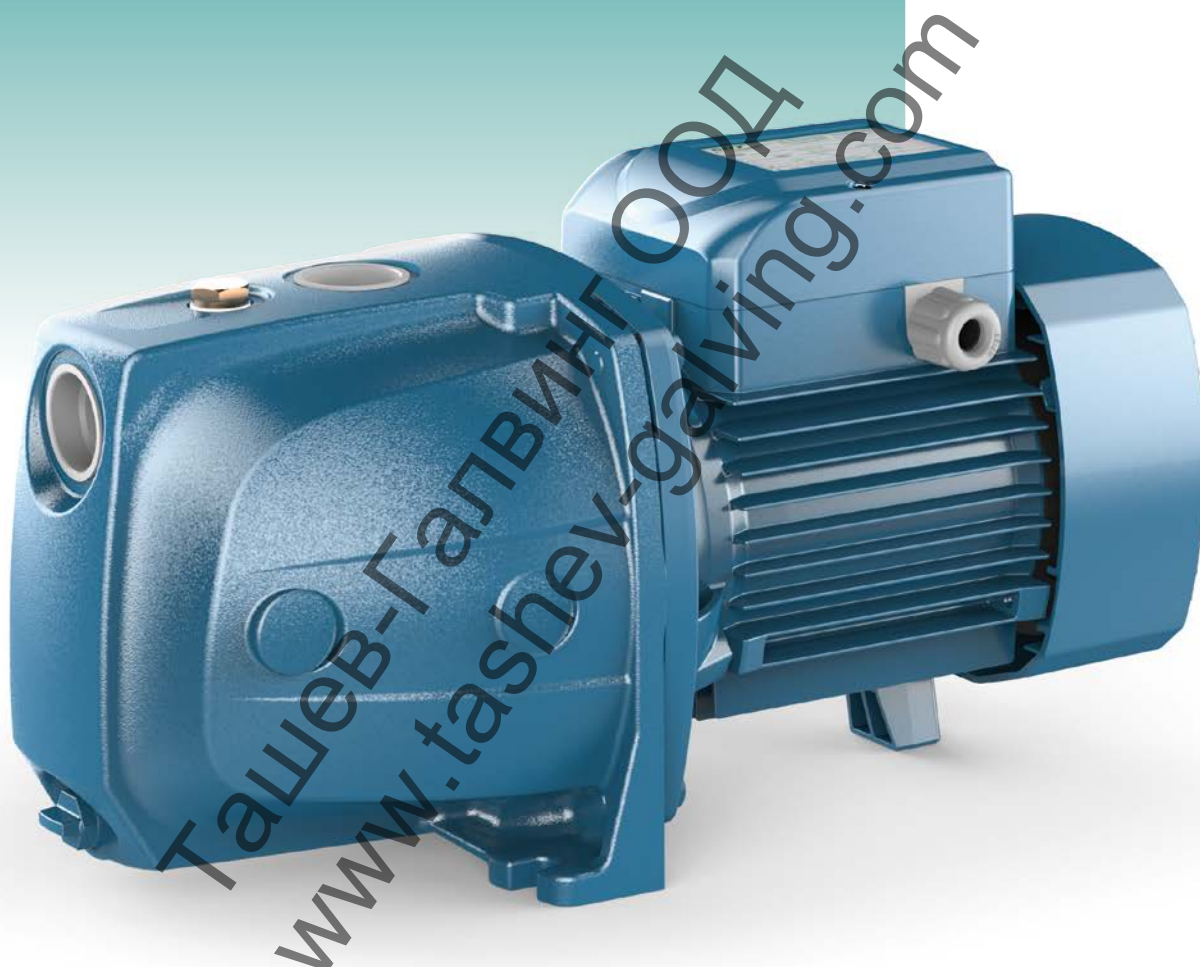


JS

Self-priming "JET" pumps



city[®]
pumps

 Clean water



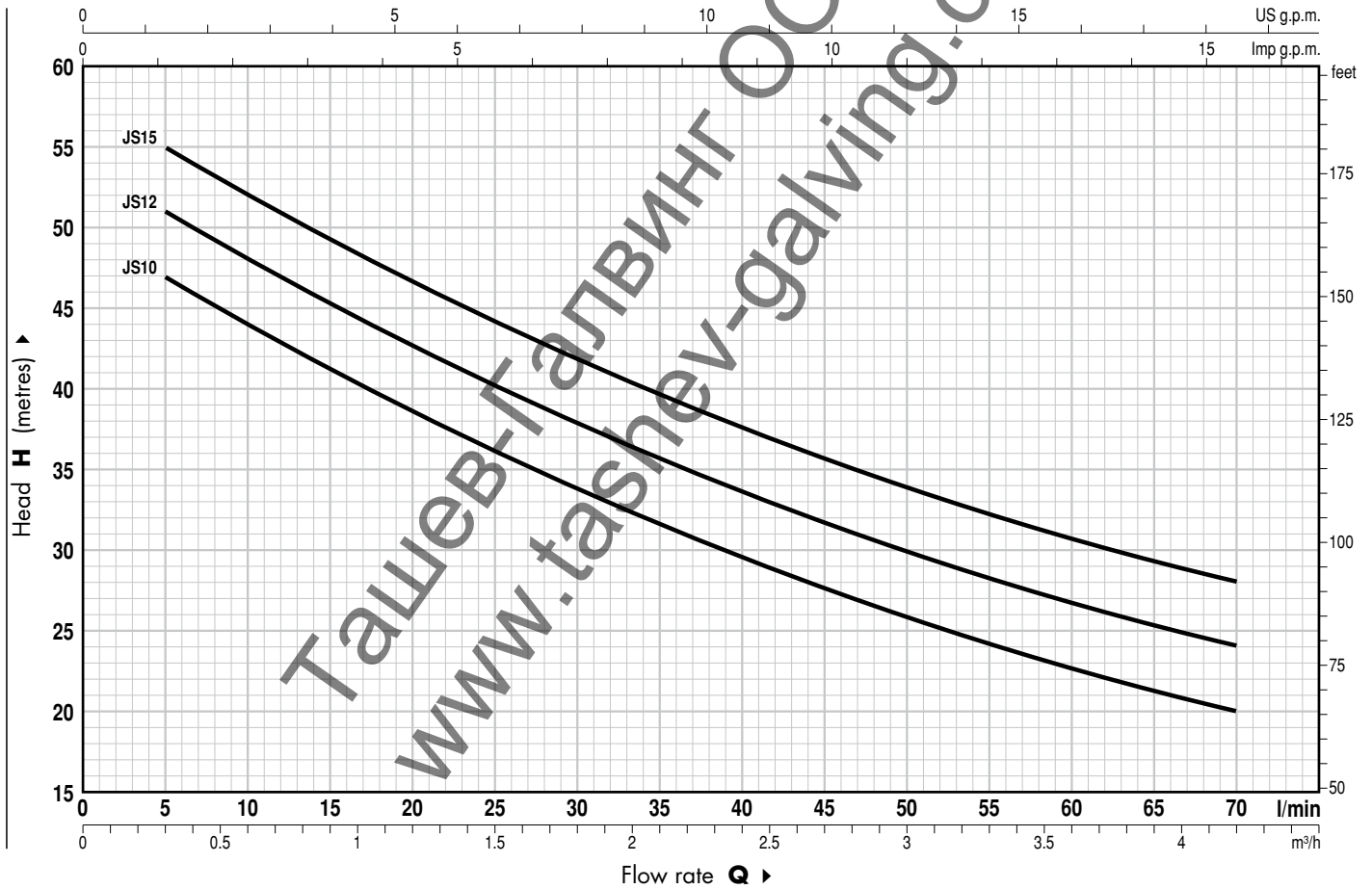
PERFORMANCE RANGE

- ▶ Flow rate up to **70 l/min** (4.2 m³/h)
- ▶ Head up to **58 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 **6.5 bar**
- ▶ Continuous service **S1**

CHARACTERISTIC CURVES AND PERFORMANCE DATA | 50 Hz | n=2900 1/min | HS=0 m



MODEL		POWER		Q	Flow rate													
Single-phase	Three-phase	kW	HP		m ³ /h	0	0.3	0.6	1.2	1.5	1.8	2.4	2.7	3.0	3.6	4.2		
				l/min	0	5	10	20	25	30	40	45	50	60	70			
JS 10M	JS 10	0.75	1	H metres	50	47	44	38.5	36	34	29.5	27.5	26	22.5	20			
JS 12M	JS 12	0.90	1.25	H metres	54	51	48	42.5	40	38	33.5	31.5	30	26.5	24			
JS 15M	JS 15	1.1	1.5	H metres	58	55	52	46.5	44	42	37.5	35.5	34	31	28			

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

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

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 JS 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.

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

OPTIONALS AVAILABLE ON REQUEST

Other voltages or 60 Hz frequency

GUARANTEE

2 years subject to terms and conditions

CONSTRUCTION AND SAFETY STANDARDS

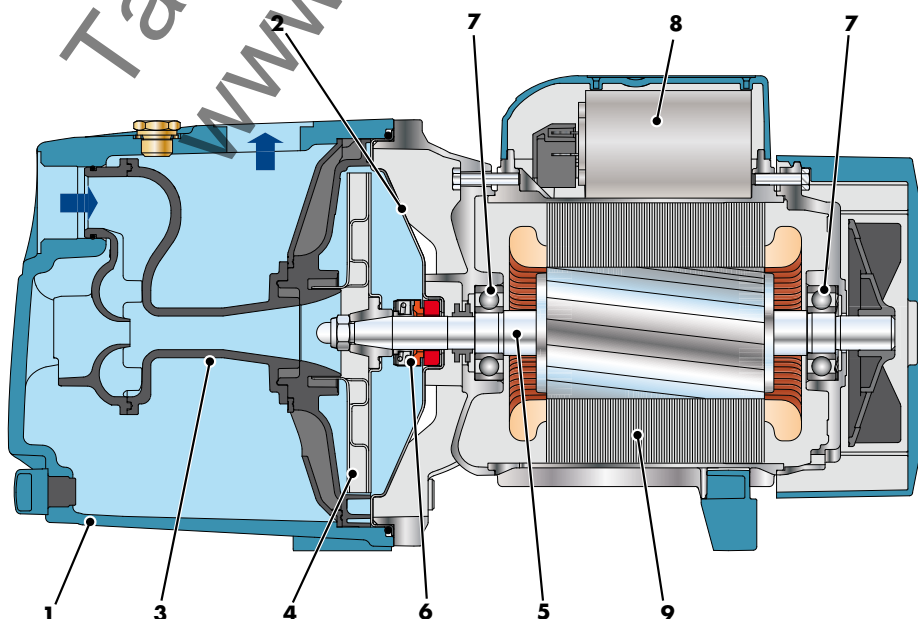
EN 60335-1
IEC 60335-1
CEI 61-150

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

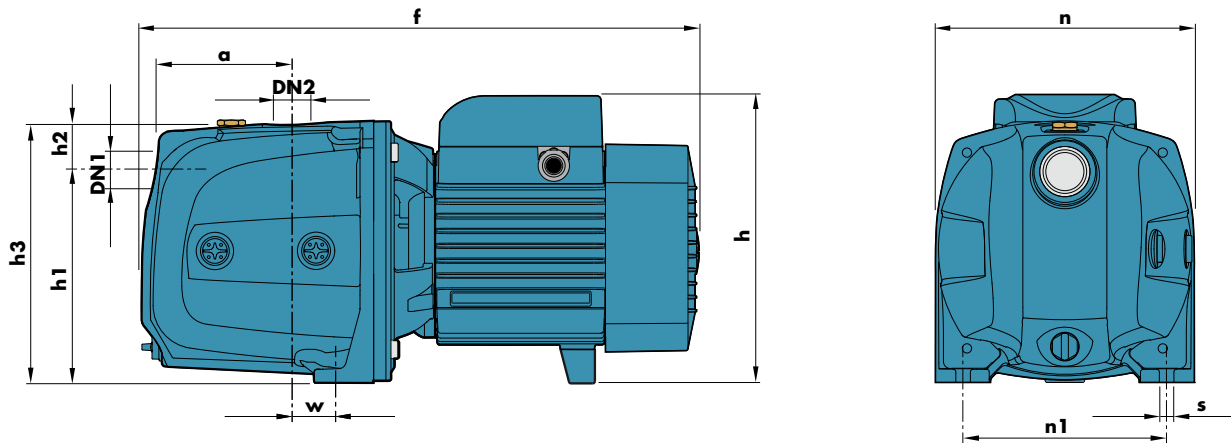


POS. CONSTRUCTION CHARACTERISTICS

1	PUMP BODY	Cast iron, 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	Shaft	Stationary ring	Rotational ring	Elastomer
		AR-14	Ø 14 mm	Ceramica	Grafite	NBR
7	BEARINGS	6203 ZZ / 6203 ZZ				
8	CAPACITOR	Pump	230 V or 240 V	110 V		
		JS 10M	20 µF 450 VL	60 µF 300 VL		
		JS 12M	25 µF 450 VL	60 µF 300 VL		
		JS 15M	25 µF 450 VL	60 µF 300 VL		
9	ELECTRIC MOTOR	JS M: single-phase 230 V - 50 Hz with thermal overload protector built-in to the winding. JS: three-phase 230/400 V - 50 Hz. ▶ Pumps fitted with the three-phase motor option offer IE2 (IEC 60034-30) class high performance. ▶ Stator and rotor are made out of magnetic sheet with low iron loss. - Insulation: classe F. - Protection: IP X4.				



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~
JS 10M	JS 10	1"	1"	96	388	201	147	33	180	180	142	22	10	13.0	13.1
JS 12M	JS 12													13.9	14.0
JS 15M	JS 15													14.2	14.3

ABSORPTION

MODEL	VOLTAGE (single-phase)			MODEL	VOLTAGE (three-phase)						
	Single-phase	230 V	240 V		110 V	Three-phase	230 V	400 V	690 V	240 V	415 V
JS 10M		4.7 A	4.5 A	9.4 A	JS 10	3.5 A	2.0 A	1.2 A	3.4 A	2.0 A	1.2 A
JS 12M		5.8 A	5.3 A	11.6 A	JS 12	4.6 A	2.7 A	1.6 A	4.4 A	2.5 A	1.5 A
JS 15M		6.0 A	5.5 A	12.0 A	JS 15	5.1 A	3.0 A	1.7 A	4.9 A	2.8 A	1.6 A

PALLETIZATION

MODEL		GROUPAGE			CONTAINER				
Single-phase	Three-phase	n° pumps	H (mm)	kg	n° pumps	H (mm)	kg		
				1~	3~	1~	3~		
JS 10M	JS 10	72	1520	960	967	96	1980	1272	1282
JS 12M	JS 12	72	1520	1025	1032	96	1980	1358	1368
JS 15M	JS 15	72	1520	1046	1054	96	1980	1387	1397

