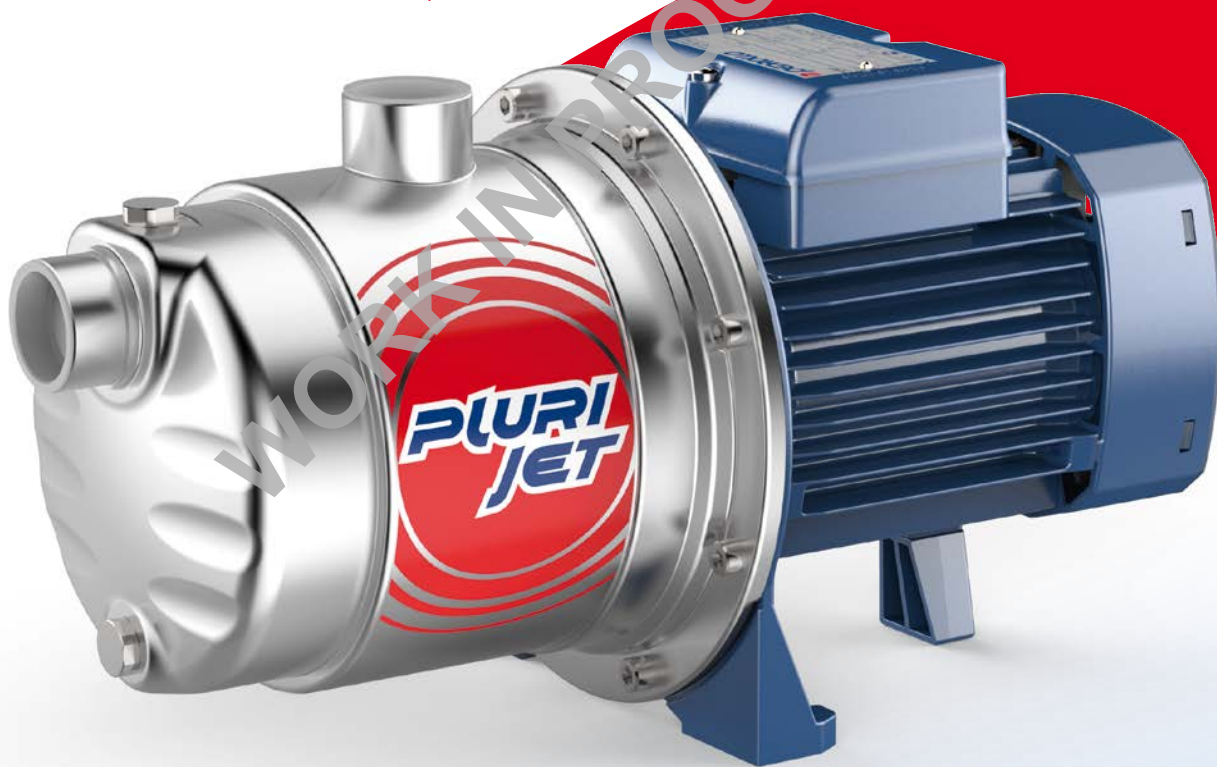


ENV
NEW

PLURIJET®



 **PEDROLLO®**
... the spring of life

NEW

New version more compact and more robust. It is recommended when a particularly quiet and high-performance self-priming pump is required.

TECHNICAL CHARACTERISTICS

- ▶ Completely renewed range
- ▶ New design
- ▶ New improved hydraulic, even more reliable and with higher performance
- ▶ Reduced energy consumption
- ▶ The quietest model in the centrifugal series
- ▶ Better priming performances

INSTALLATION AND USE

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The self-priming "PLURIJET" pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

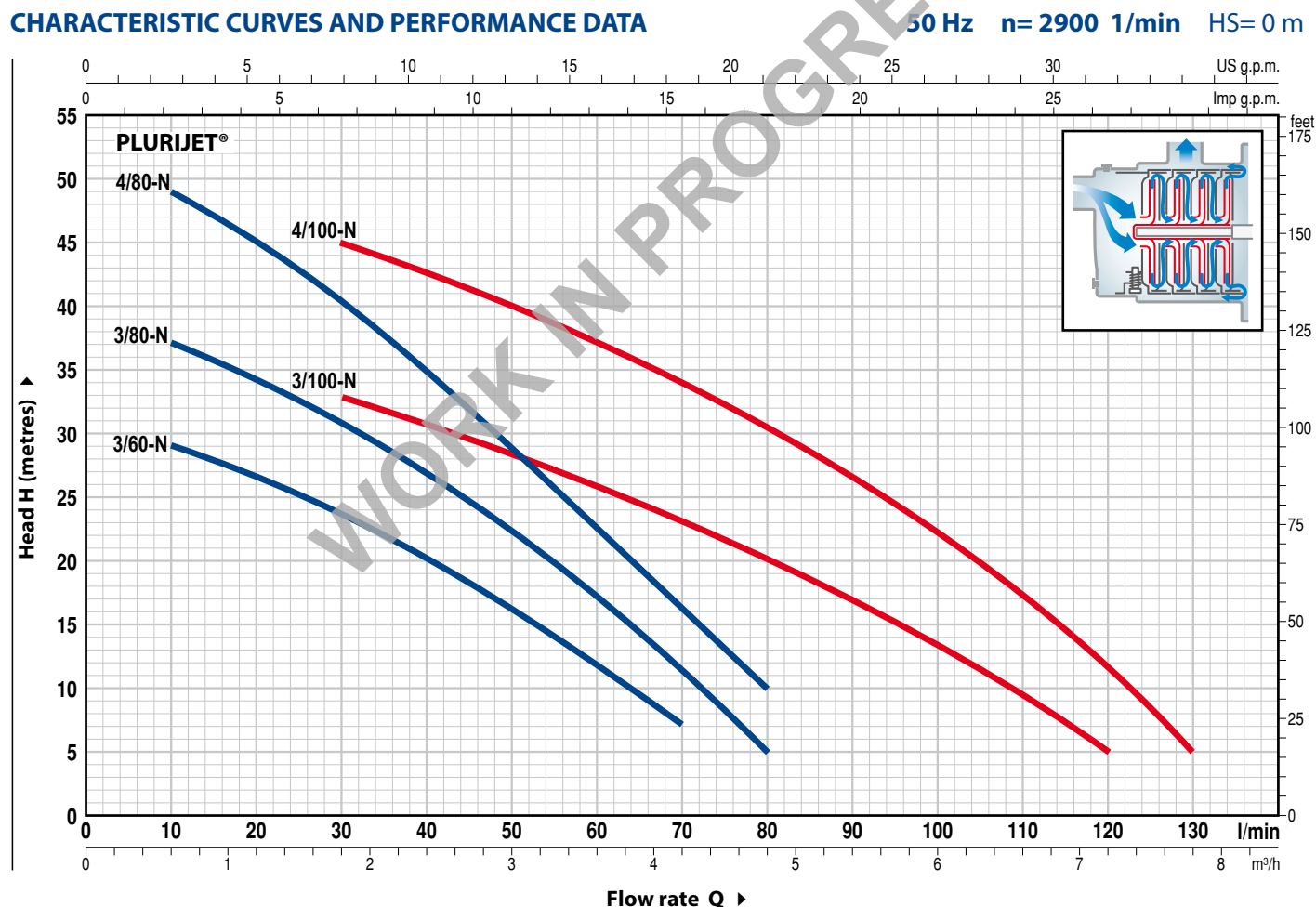
APPLICATION LIMITS

- 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**

TRADE MARKS

- PLURIJET® is a registered trade mark n° 3974301

CHARACTERISTIC CURVES AND PERFORMANCE DATA



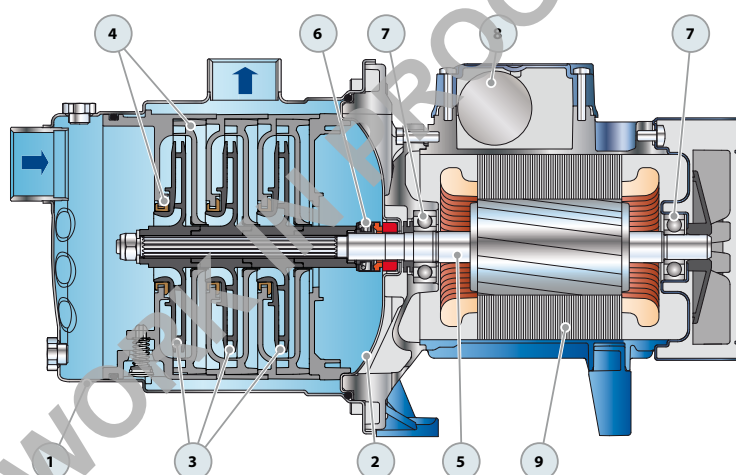
MODEL		POWER		Q m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8
Single-phase	Three-phase	kW	HP		0	5	10	15	20	25	30	40	50	60	70	80	90	100	110	120	130
PLURIJETm 3/60 -N	PLURIJET 3/60 -N	0.37	0.50	H metres	31	30	29	28	26.5	25	23.5	20	16	11.5	7						
PLURIJETm 3/80 -N	PLURIJET 3/80 -N	0.45	0.60		40	38	37	36	34.5	33	31	27	22.5	17	11	5					
PLURIJETm 4/80 -N	PLURIJET 4/80 -N	0.55	0.75		52	50	49	47	44.5	42	40	34	28.5	22.5	16	10					
PLURIJETm 3/100-N	PLURIJET 3/100-N	0.55	0.75		38	37	36	35	34.5	33.5	33	31	28	26	23	20	17	13.5	10	5	
PLURIJETm 4/100-N	PLURIJET 4/100-N	0.75	1		50	50	49	48	47	46	45	42	39.5	37	34	30.5	26.5	22	17	11	5

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

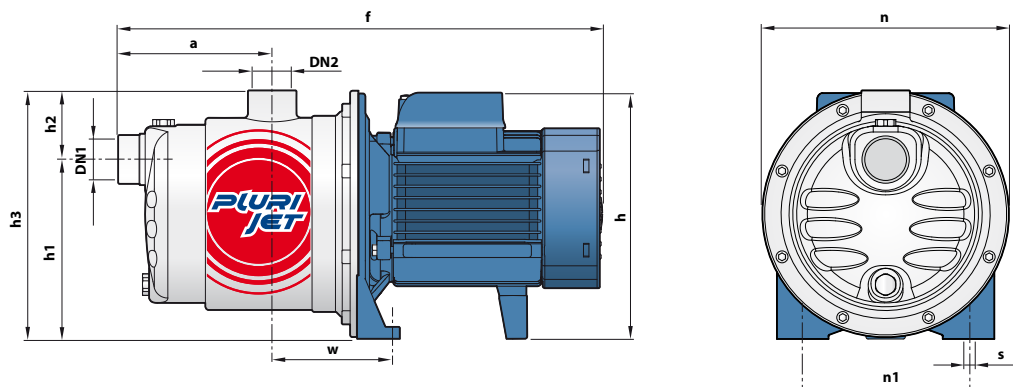
Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3.

POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
1	Base	Concrete or steel plate
2	Support	Steel plate or concrete
3	Frame	Steel plate or concrete
4	Roof	Steel plate or concrete
5	Walls	Steel plate or concrete
6	Floor	Steel plate or concrete
7	Roof	Steel plate or concrete
8	Walls	Steel plate or concrete
9	Floor	Steel plate or concrete
10	Roof	Steel plate or concrete
11	Walls	Steel plate or concrete
12	Floor	Steel plate or concrete
13	Roof	Steel plate or concrete
14	Walls	Steel plate or concrete
15	Floor	Steel plate or concrete
16	Roof	Steel plate or concrete
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92	Walls	Steel plate or concrete
93	Floor	Steel plate or concrete
94	Roof	Steel plate or concrete
95	Walls	Steel plate or concrete
96	Floor	Steel plate or concrete
97	Roof	Steel plate or concrete
98	Walls	Steel plate or concrete
99	Floor	Steel plate or concrete
100	Roof	Steel plate or concrete

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	IMPELLERS	Noryl FE1520PW				
4	DIFFUSERS	Noryl FE1520PW complete with anti-wear ring				
5	MOTOR SHAFT	Stainless steel EN 10088-3 - 1.4104				
6	MECHANICAL SEAL	<i>Seal Model</i>	<i>Shaft Diameter</i>	<i>Stationary ring</i>	<i>Materials Rotational ring</i>	<i>Elastomer</i>
		AR-13	Ø 13 mm	Ceramic	Graphite	NBR
7	BEARINGS	<i>Pump Model</i>	<i>Model</i>			
		PLURIJET 3/60, 3/80, 3/100, 4/80-N	6202 ZZ - C3 / 6201 ZZ			
		PLURIJET 4/100-N	6203 ZZ / 6203 ZZ			
8	CAPACITOR	<i>Pump Single-phase</i>	<i>Capacitance</i>		<i>(110 V)</i>	
		PLURIJETm 3/60-N	10 µF 450 VL	25 µF 250 VL		
		PLURIJETm 3/80-N	12.5 µF 450 VL	25 µF 250 VL		
		PLURIJETm 4/80, 3/100-N	14 µF 450 VL	25 µF 250 VL		
		PLURIJETm 4/100-N	20 µF 450 VL	60 µF 300 VL		
9	ELECTRIC MOTOR	PLURIJETm: single-phase 230 V - 50 Hz with thermal overload protector built-in to the winding. PLURIJET: 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: 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
PLURIJETm 3/60 -N	PLURIJET 3/60 -N	1"	1"	113	357	182	132	51	183	182	120	87	9
PLURIJETm 3/80 -N	PLURIJET 3/80 -N			138	382								
PLURIJETm 4/80 -N	PLURIJET 4/80 -N			113	357								
PLURIJETm 3/100-N	PLURIJET 3/100-N			138	411	202							
PLURIJETm 4/100-N	PLURIJET 4/100-N												

WORK IN PROGRESS

