PLURIJET®









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

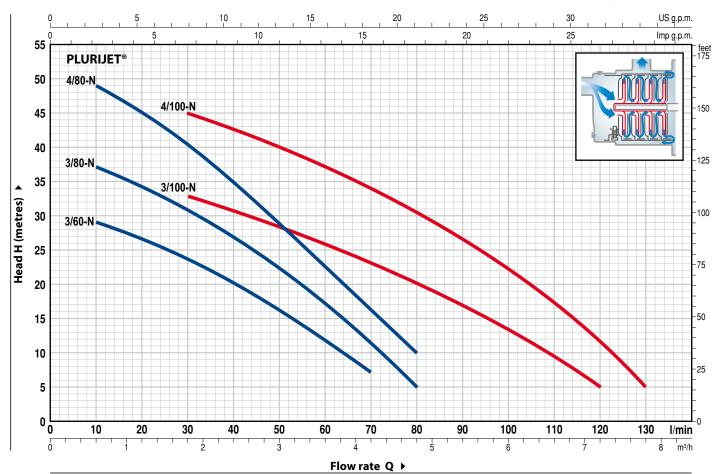
- Manometric suction lift up to 9 m (HS)
- Liquid temperature between -10 °C and +40 °C
- Ambient temperature up to +40 °C
- Max. working pressure 6 bar
- Continuous service **S1**

TRADE MARKS

• PLURIJET® is a registered trade mark n° 3974301

CHARACTERISTIC CURVES AND PERFORMANCE DATA





MODEL			VER	m³/h	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	I/min	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		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	H metres	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





POS.	COMPONENT	CONSTRUCTIO	ON CHARACTERIS	STICS										
1	PUMP BODY	Stainless steel AIS	l 304, complete with	threaded por	ts in comp	pliance with ISO 228/1								
2	BODY BACKPLATE	Stainless steel AIS	l 304											
3	IMPELLERS	Noryl FE1520PW												
4	DIFFUSERS	Noryl FE1520PW o	Noryl FE1520PW complete with anti-wear ring											
5	MOTOR SHAFT	Stainless steel EN	10088-3 - 1.4104											
6	MECHANICAL SEAL	Seal Model	Shaft Diameter	Stationary ring	Material Rotational r	· -								
		AR-13	Ø 13 mm	Ceramic	Graphit	e NBR								
7	BEARINGS	Pump		Model										
		PLURIJET 3/60, 3	/80, 3/100, 4/80-N	N 6202 ZZ - C3 / 6201 ZZ										
		PLURIJET 4/100-	N	6203 ZZ / 6203 ZZ										
8	CAPACITOR	Pump Single-phase		Capacitano (230 V or 240		(110 V)								
		PLURIJETm 3/60	10 μF 450 V	L	25 μF 250 VL									
		PLURIJETm 3/80	12.5 μF 450	VL	25 μF 250 VL									

ELECTRIC MOTOR

20 μF 450 VL PLURIJETm: single-phase 230 V - 50 Hz with thermal overload protector built-in to the winding. **PLURIJET**: three-phase 230/400 V - 50 Hz.

14 μF 450 VL

■ Pumps fitted with the three-phase motor option offer IE2 (IEC 60034-30) class high performance.

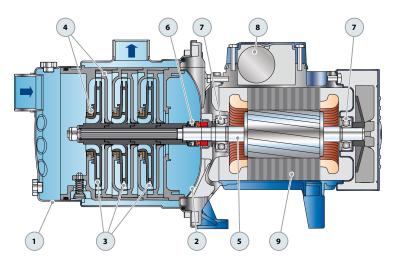
25 μF 250 VL

60 μF 300 VL

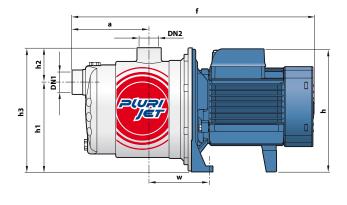
- Stator and rotor are made out of magnetic sheet with low iron loss.
- Insulation: F class. - Protection: IP X4.

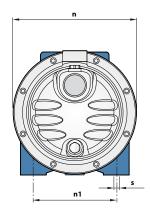
PLURIJETm 4/80, 3/100-N

PLURIJETm 4/100-N



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			112	257								
PLURIJETm 3/80 -N	PLURIJET 3/80 -N			113	357	100							
PLURIJETm 4/80 -N	PLURIJET 4/80 -N	1″	1"	138	382	182	132	51	183	182	120	87	9
PLURIJETm 3/100-N	PLURIJET 3/100-N			113	357								
PLURIJETm 4/100-N	PLURIJET 4/100-N			138	411	202							10

