

Clean water

Domestic use

Civil use



### PERFORMANCE RANGE

- Flow rate up to **120 l/min** (7.2 m<sup>3</sup>/h)
- Head up to **42 m**

### APPLICATION LIMITS

- **10 m** maximum immersion depth (with a sufficiently long power cable)
- Maximum liquid temperature **+40 °C**
- Suction down to **22 mm** above ground level
- Continuous service **S1**

### CONSTRUCTION AND SAFETY STANDARDS

The pumps is complete with:

- power cable
- float switch
- hose connector  $\varnothing$  35 mm
- complete connector with flap-check valve

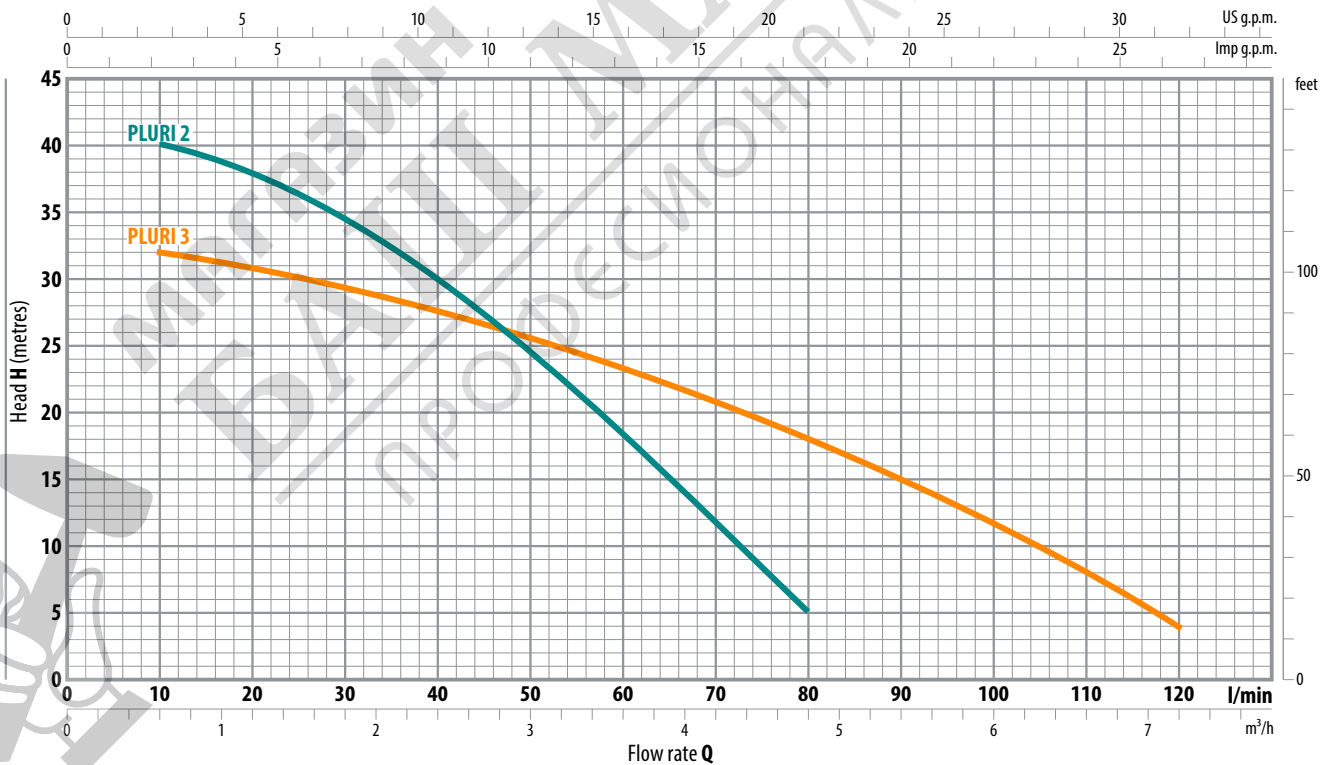
EN 60335-1  
IEC 60335-1  
CEI 61-150

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



### CHARACTERISTIC CURVES AND PERFORMANCE DATA

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



MODEL	POWER (P <sub>2</sub> )		Q	Flow rate													
	kW	HP		m <sup>3</sup> /h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2
Single-phase			l/min	0	10	20	30	40	50	60	70	80	90	100	110	120	
PLURI 2	0.55	0.75	H metres	42	40	38	34	30	24	18	11.5	5					
PLURI 3	0.55	0.75		33	32	31	29.5	28	25.5	23	20.5	18	15	12	8	4	

Q = Flow rate  
H = Total manometric head

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

## INSTALLATION AND USE

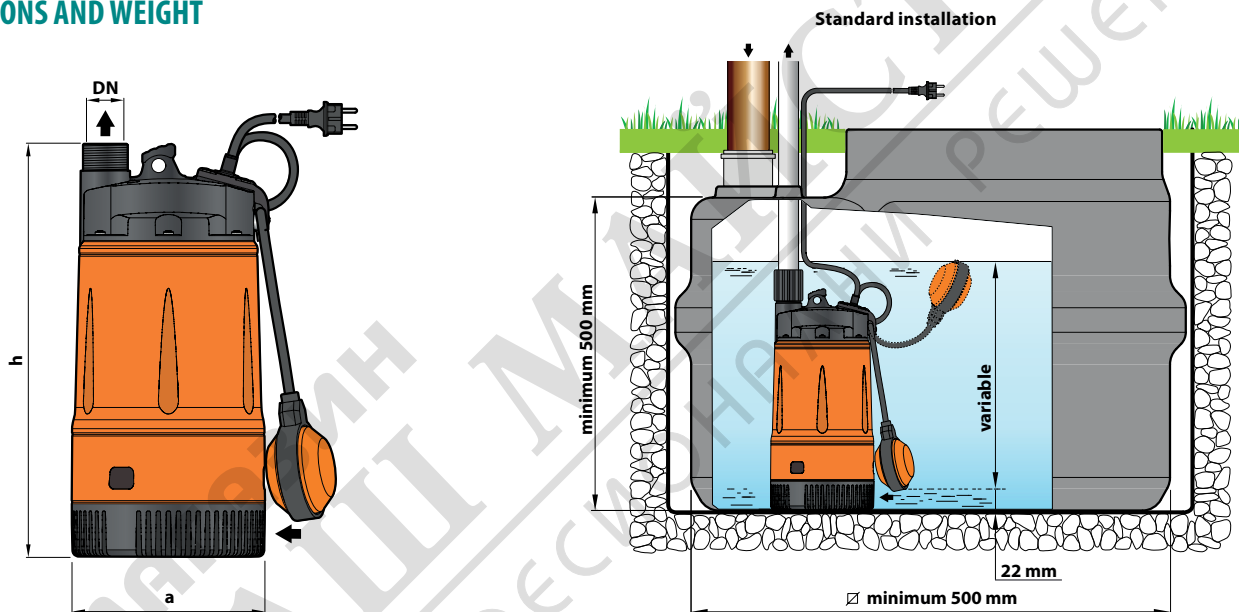
PLURI pumps are recommended for pumping clean water and liquids that are not chemically aggressive for the materials from which the pump is made.

Because of their high efficiency and reliability they are suitable for use in applications such as domestic water supply from reservoirs, tanks or relatively deep wells, for drawing rain water from cisterns to water gardens or for use in irrigation systems, etc.

## CONSTRUCTION CHARACTERISTICS

<b>DELIVERY BODY</b>	Glass fibre reinforced technopolymer complete with threaded delivery port in compliance with ISO 228/1
<b>PUMP BODY AND SUCTION FILTER</b>	Glass fibre reinforced technopolymer
<b>IMPELLERS</b>	Noryl FE1520PW
<b>MOTOR SHAFT</b>	Stainless steel EN 10088-3 - 1.4104
<b>TWO MECHANICAL SEALS SEPARATED BY AN OIL CHAMBER</b>	<b>Motor side:</b> Ceramic - Graphite - NBR <b>Pump side:</b> Ceramic - Silicon carbide - NBR
<b>POWER CABLE</b>	H07 RN-F type 10 m long power cable with Schuko plug

## DIMENSIONS AND WEIGHT



MODEL	PORT	N. STAGES	DIMENSIONS mm		kg
			a	h	
Single-phase	DN				
PLURI 2	1 1/4"	3	178	380	9.4
PLURI 3					

## ABSORPTION

MODEL	VOLTAGE		
	230 V	240 V	110 V
Single-phase			
PLURI 2	3.4 A	3.3 A	6.8 A
PLURI 3	3.6 A	3.5 A	7.2 A

## PALLETIZATION

MODEL	GROUPAGE	CONTAINER
Single-phase	n. pumps	n. pumps
PLURI 2	60	80
PLURI 3	60	80