

Electropompe submersibile cu mai multe turbine

-  **Apa curata**
(Continut de nisip maxim 150 g/m³)
-  **Uz domestic**
-  **Uz industrial**
-  **Uz agricol**



DOMENIU DE UTILIZARE

- Debit pana la **180 l/min** (10.8 m³/h)
- Inaltimea de pompare pana la **95 m**

LIMITE DE UTILIZARE

- Temperatura lichidului pana la maxim **+40 °C**
- Continut de nisip maxim **150 g/m³**
- Adanimea de utilizare pna la **20 m sub nivelul apei** (cablu de utilizare de lungime adecvata)
- Functionarea atat pe verticala c at si pe orizontala
- Serviciu continuu **S1**

EXECUTIE SI NORME DE SIGURANTA

- Cablu de alimentare **20 m**
- Plutitor pentru versiunea monofazica

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

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



BREVET-MARCA-MODEL

- Patent Pending n° PCT/IB2014/063126
- Patent Pending n° BO2015A000116
- Patent Pending n° PCT/EP2009/059855

CERTIFICARI

Companie cu sistem de management certificat DNV
ISO 9001: CALITATE
ISO 14001: MEDIU SI SIGURANTA



INSTALAREA SI UTILIZAREA

Un nou concept de pompe submersibile cu mai multe turbine, care asigura o fiabilitate si mai mare datorita solutiei tehnice inovatoare care previne blocarea pompelor chiar si dupa o lunga perioada de inactivitate.

Sunt recomandate pentru pomparea apei curate in sectorul civil, agricol si industrial, pentru distribuirea apei in combinatie cu vase de expansiune, in irigatii, sisteme de crestere a presiunii etc.

EXECUTII LA CERERE

- Electropompe fara plutitor extern
- Electropompe furnizate cu diferite lungimi de cablu
- Alte tensiuni sau frecvente la 60 Hz
- **Kit pentru functionare pe orizontala**

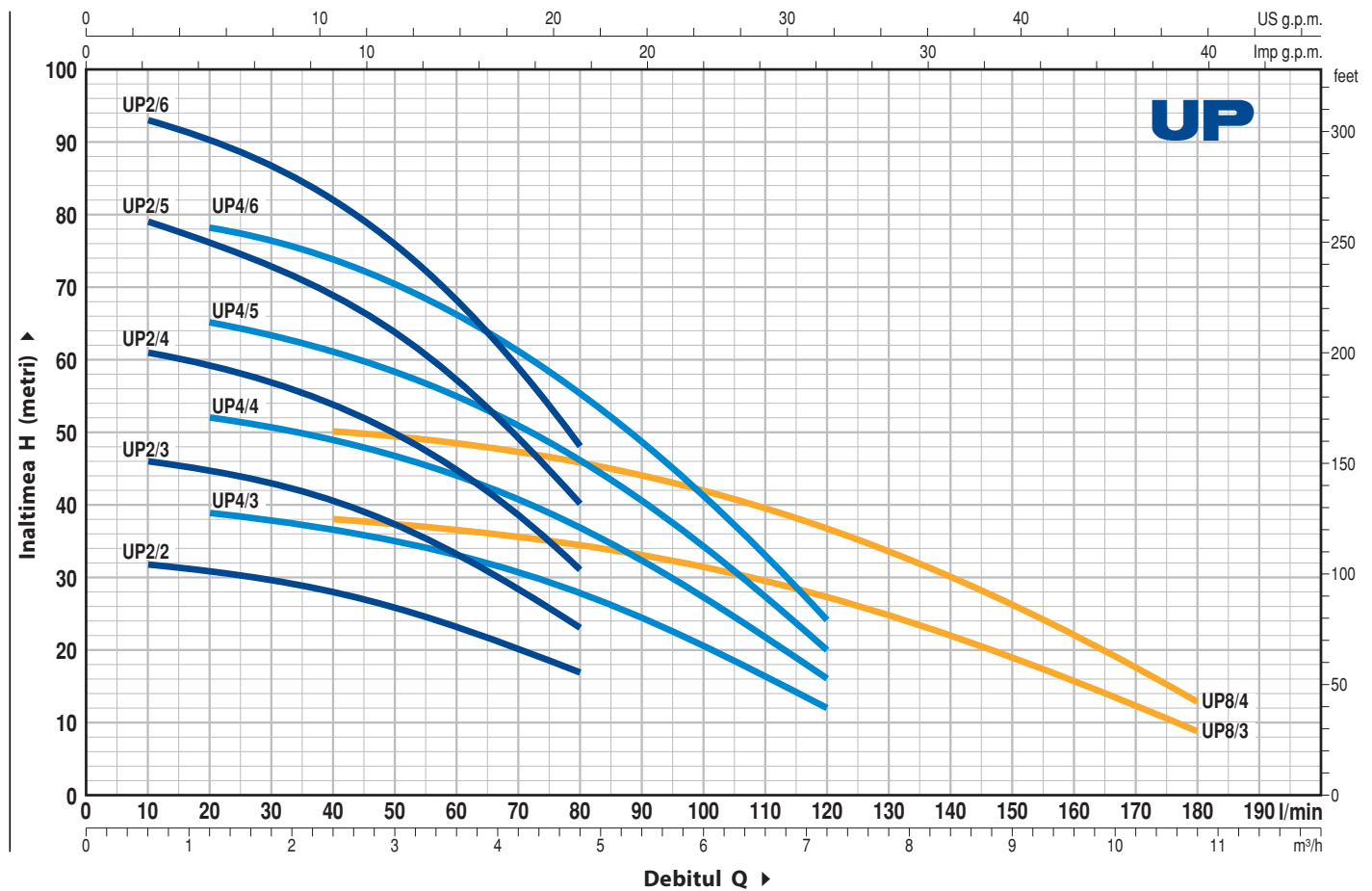


GARANTIE

2 ani conform conditiilor noastre generale de vanzare.

CURBE DE FUNCTIONARE

50 Hz n= 2900 rpm



TIP	PUTERE (P ₂)	Q	H metri																			
			kW		HP		0	0.6	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8					
Monofazic	Trifazic		0	10	20	40	60	80	100	120	140	160	180									
UPm 2/2-GE	UP 2/2	0.37 / 0.5	33	32	31	28	23.5	17														
UPm 2/3-GE	UP 2/3	0.55 / 0.75	48	46	44.5	40.5	33.5	23														
UPm 2/4-GE	UP 2/4	0.75 / 1	63	61	59	54	45	31														
UPm 2/5-GE	UP 2/5	1.1 / 1.5	81	79	75.5	68.5	57.5	40														
UPm 2/6-GE	UP 2/6	1.5 / 2	95	93	90	82	68.5	48														
UPm 4/3-GE	UP 4/3	0.55 / 0.75	40	-	39	37	33	28	20.5	12												
UPm 4/4-GE	UP 4/4	0.75 / 1	53	-	52	49	44	37	27.5	16												
UPm 4/5-GE	UP 4/5	1.1 / 1.5	67	-	65	61.5	55	46.5	34	20												
UPm 4/6-GE	UP 4/6	1.5 / 2	80	-	78	74	66	56	41	24												
UPm 8/3-GE	UP 8/3	1.1 / 1.5	40	-	-	38	36.5	34.5	31.5	27.5	22	16	9									
UPm 8/4-GE	UP 8/4	1.5 / 2	52	-	-	50	48.5	46	42	36.5	29.5	21.5	13									

Q = Debit H = Inaltimea de pompare manometrica totala

Tolranta curbelor de functionare conform EN ISO 9906 Grad 3B.

► La cerere electropompele monofazice poate fi furnizate si fara plutitor extern

POZ COMPONENTE

CARACTERISTICI DE CONSTRUCTIE

1	CAMASA EXTERNA	Otel inoxidabil AISI 304, prevazut cu racord de refulare filetat ISO 228/1
2	CAMASA MOTORULUI	Otel inoxidabil AISI 304
3	TURBINA SI DIFUZOR	Noryl FE1520PW
4	DIAFRAGMA	Otel inoxidabil AISI 304
5	ARBORE MOTOR	Otel inoxidabil EN 10088-3 - 1.4104
6	PRESETUPA MECANICA DUBLA CU CAMERA DE ULEI INTERPUSA	

Prestupa Tip	Ax Diametru	Pozitie	Material		
			Inel fix	Inel rotativ	Elastomer
STA-17	Ø 17 mm	Parte motor	Carbura de siliciu	Graft	NBR
ST1-16	Ø 16 mm	Parte pompa	Carbura de siliciu	Graft	NBR

7	RULMENTI	6303 2RS - C3 / 6203 ZZ - C3E
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8	CONDENSATOR	
Electropompa	Capacitate	
<i>Monofazic</i>	<i>(230 V o 240 V)</i>	
UPm 2/2-GE		
UPm 2/3-GE	16 µF - 500 VL	
UPm 4/3-GE		
UPm 2/4-GE	20 µF - 450 VL	
UPm 4/4-GE		
UPm 2/5-GE		
UPm 4/5-GE	25 µF - 450 VL	
UPm 8/3-GE		
UPm 2/6-GE		
UPm 4/6-GE	35 µF - 450 VL	
UPm 8/4-GE		

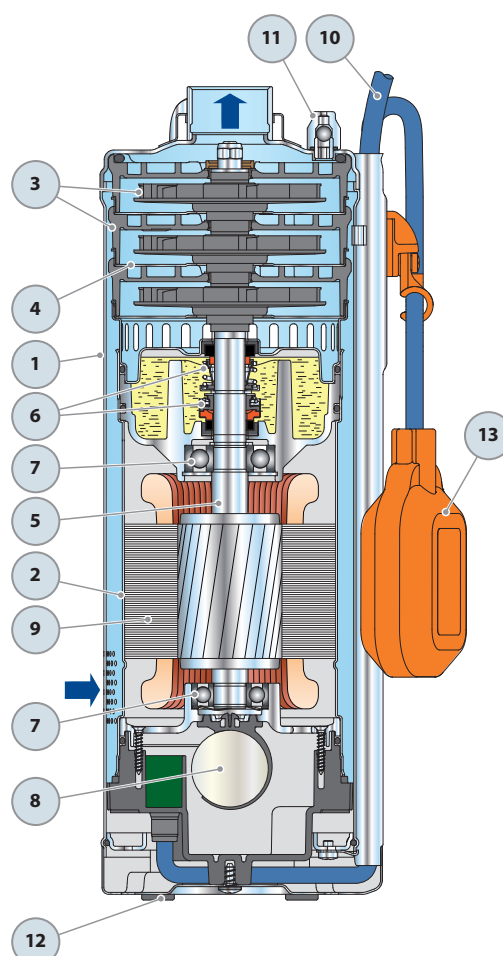
9	MOTOR ELECTRIC
UPm:	monofazic 230 V - 50 Hz cu protectie termica incorporata in bobinaj.
UP:	trifazic 400 V - 50 Hz.
	- Izolatie: clasa F
	- Protectie: IP X8

10	CABLU DE ALIMENTARE
	⇒ De tip DRINCABLE® pentru imersie permanenta in apa potabila "WRAS" conform BS 6920, nr de aprobare 7513 <u>Lungime sandard 20 m</u>

11	VENTIL DE AERISIRE
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12	SUPORT ANTIVIBRARE
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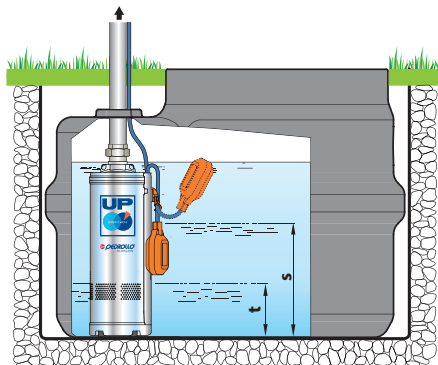
13	PLUTITOR EXTERN (pentru versiunea monofazica)
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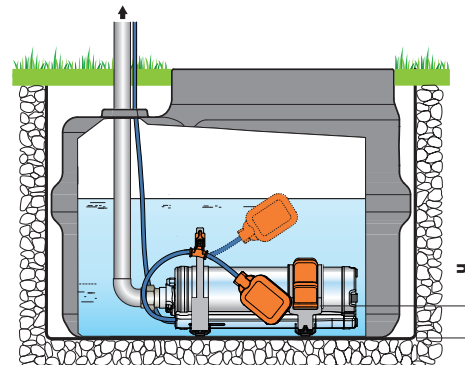
DIMENSIUNI SI GREUTATI



Instalare pe verticala



Instalare pe orizontala



TIP		RACORD DN	N° etaje	DIMENSIUNI mm		kg	
Monofazic	Trifazic			Ø	h	1~	3~
UPm 2/2-GE	UP 2/2	1¼"	2	150	398	13.7	13.5
UPm 2/3-GE	UP 2/3		3		425	14.2	14.0
UPm 2/4-GE	UP 2/4		4		482	15.8	15.0
UPm 2/5-GE	UP 2/5		5		509	17.2	16.4
UPm 2/6-GE	UP 2/6		6		556	19.5	18.5
UPm 4/3-GE	UP 4/3		3		425	14.2	14.0
UPm 4/4-GE	UP 4/4		4	482	15.8	15.0	
UPm 4/5-GE	UP 4/5		5	509	17.2	16.4	
UPm 4/6-GE	UP 4/6		6	556	19.5	18.5	
UPm 8/3-GE	UP 8/3		3	455	15.4	14.6	
UPm 8/4-GE	UP 8/4		4	502	17.7	16.7	

TIP	NIVELE mm		
	s	t	u
UP 2/3 UP 4/3	320	135	55
UP 2/4 UP 2/5 UP 4/4 UP 4/5 UP 8/3	350		
UP 2/6 UP 4/6 UP 8/4	370		

s = Nivel minim de pornire
t = Nivel de golire
u = Nivel minim de functionare.

ABSORTIA

TIP	TENSIUNE	
	230 V	240 V
UPm 2/2-GE	4.4 A	4.3 A
UPm 2/3-GE	5.4 A	5.2 A
UPm 2/4-GE	6.2 A	6.0 A
UPm 2/5-GE	7.6 A	7.3 A
UPm 2/6-GE	8.8 A	8.5 A
UPm 4/3-GE	5.0 A	4.8 A
UPm 4/4-GE	6.2 A	6.0 A
UPm 4/5-GE	7.2 A	6.9 A
UPm 4/6-GE	8.7 A	8.4 A
UPm 8/3-GE	7.6 A	7.3 A
UPm 8/4-GE	8.8 A	8.5 A

TIP	TENSIUNE			
	230 V	400 V	240 V	415 V
UP 2/2	2.8 A	1.6 A	2.7 A	1.5 A
UP 2/3	3.3 A	1.9 A	3.2 A	1.8 A
UP 2/4	4.0 A	2.3 A	3.9 A	2.2 A
UP 2/5	5.0 A	2.9 A	4.9 A	2.8 A
UP 2/6	5.7 A	3.3 A	5.5 A	3.2 A
UP 4/3	3.2 A	1.8 A	3.1 A	1.7 A
UP 4/4	3.8 A	2.2 A	3.7 A	2.1 A
UP 4/5	4.9 A	2.8 A	4.7 A	2.7 A
UP 4/6	5.6 A	3.2 A	5.4 A	3.1 A
UP 8/3	5.0 A	2.9 A	4.9 A	2.8 A
UP 8/4	5.7 A	3.3 A	5.5 A	3.2 A

PALETIZARE

TIP		GRUPAJ n° pompe
Monofazic	Trifazic	
UPm 2/2-GE	UP 2/2	30
UPm 2/3-GE	UP 2/3	30
UPm 2/4-GE	UP 2/4	30
UPm 2/5-GE	UP 2/5	25
UPm 2/6-GE	UP 2/6	25

TIP		GRUPAJ n° pompe
Monofazic	Trifazic	
UPm 4/3-GE	UP 4/3	30
UPm 4/4-GE	UP 4/4	30
UPm 4/5-GE	UP 4/5	25
UPm 4/6-GE	UP 4/6	25
UPm 8/3-GE	UP 8/3	30
UPm 8/4-GE	UP 8/4	30