

EN
NEW

UP



 **PEDROLLO**[®]
the spring of life

NEW

TECHNICAL CHARACTERISTICS

- ▶ Independent floating impellers (**patented**)
- ▶ Double mechanical seals with oil chamber
- ▶ More compact in size (-20%)
- ▶ Reduced energy consumption
- ▶ Suction port raised to prevent the passage of sand, leaves and external particles which could possibly block the hydraulic part and thus limit the performances
- ▶ Version with float switch

INSTALLATION AND USE

The main feature of this newly designed range of submersible pumps is that impellers will not block even after long periods of inactivity, thanks to innovative patented technical solutions. As a result of their high efficiency and reliability they are suitable for use with clean water in domestic, civil and agricultural applications such as the distribution of water in combination with pressure sets, for the irrigation of gardens and allotments and for pressure boosting, etc.

APPLICATION LIMITS

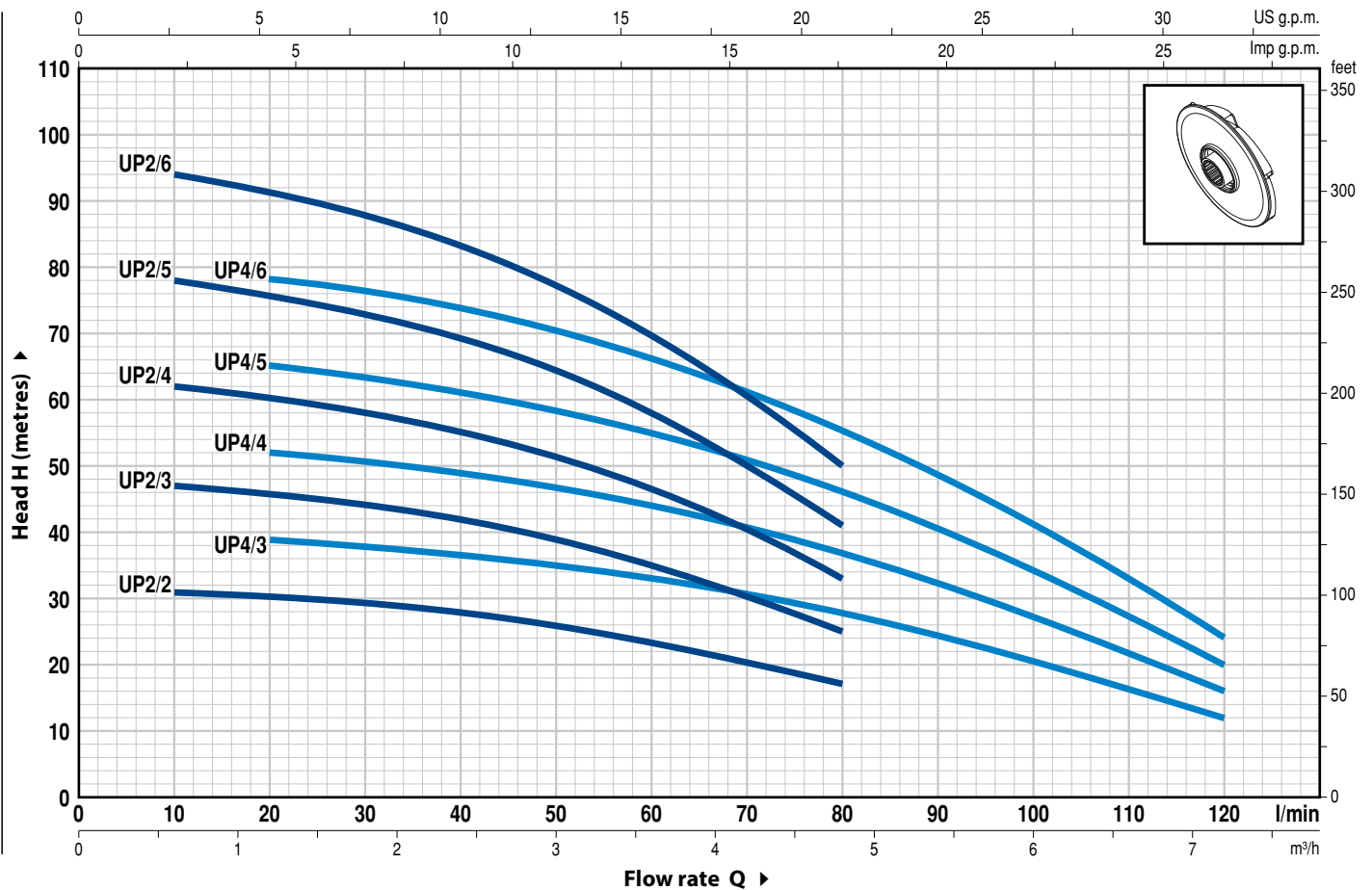
- Maximum liquid temperature **+40 °C**
- Maximum sand content **150 g/m³**
- **20 m** maximum immersion depth (with a sufficiently long power cable)
- Vertical and horizontal installation
- Continuous service **S1**

BREVETTI

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

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n = 2900 1/min

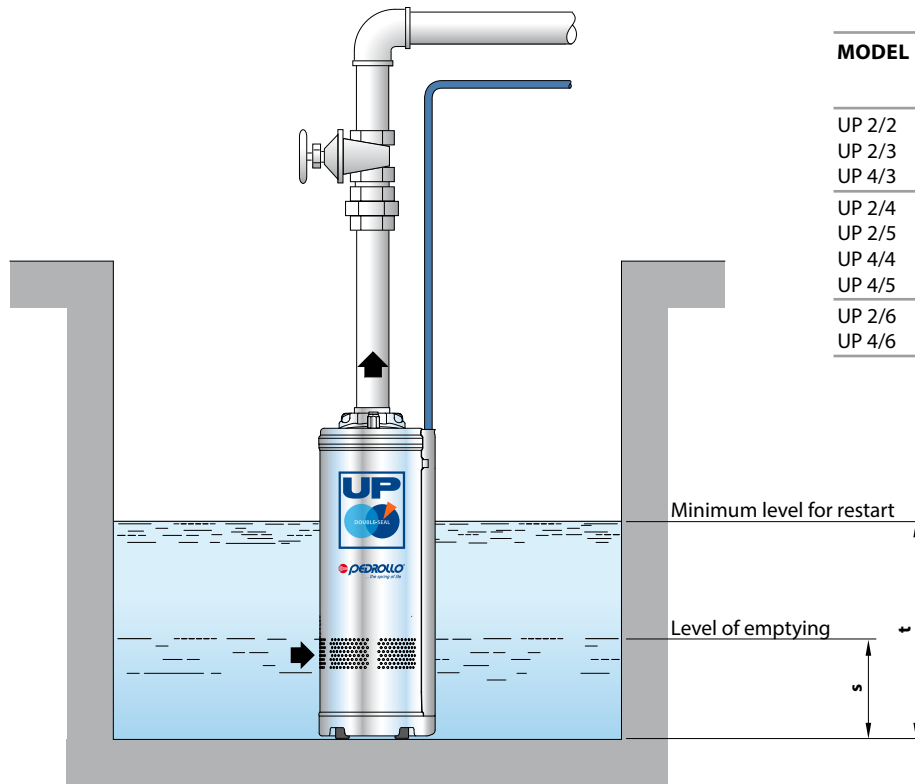


MODEL		POWER		Q	Flow rate (l/min)																
Single-phase	Three-phase	kW	HP		0	10	20	30	40	50	60	70	80	90	100	110	120				
UPm 2/2	UP 2/2	0.37	0.5	H metres	32	31	30.5	29.5	27.5	25.5	23.5	20.5	17								
UPm 2/3	UP 2/3	0.55	0.75		48	47	45.5	44	41.5	38.5	35	30.5	25								
UPm 2/4	UP 2/4	0.75	1		64	62	60	58	55	51	46.5	40.5	33								
UPm 2/5	UP 2/5	1.1	1.5		80	78	75.5	73	69	64	58	50.5	41								
UPm 2/6	UP 2/6	1.5	2		96	94	91	88	83	77	70	61	50								
UPm 4/3	UP 4/3	0.55	0.75		40	-	39	38	37	35	33	30.5	28	24.5	20.5	16.5	12				
UPm 4/4	UP 4/4	0.75	1		53	-	52	50.5	49	46.5	44	40.5	37	32.5	27.5	22	16				
UPm 4/5	UP 4/5	1.1	1.5		67	-	65	63.5	61.5	58	55	50.5	46.5	40.5	34	27.5	20				
UPm 4/6	UP 4/6	1.5	2		80	-	78	76	74	70	66	61	56	49	41	33	24				

Q = Flow rate H = Total manometric head

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

TYPICAL INSTALLATION



MODEL	LEVELS mm	
	t	s
UP 2/2	320	135
UP 2/3		
UP 4/3		
UP 2/4	350	
UP 2/5		
UP 4/4		
UP 4/5	370	
UP 2/6		
UP 4/6		

DIMENSIONS

MODEL		PORT DN	N° STAGES	DIMENSIONS mm	
Single-phase	Three-phase			Ø	h
UPm 2/2	UP 2/2	1 1/4"	2	150	398
UPm 2/3	UP 2/3		3		425
UPm 2/4	UP 2/4		4		482
UPm 2/5	UP 2/5		5		509
UPm 2/6	UP 2/6		6		556
UPm 4/3	UP 4/3		3		425
UPm 4/4	UP 4/4		4		482
UPm 4/5	UP 4/5		5		509
UPm 4/6	UP 4/6	6	556		





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