



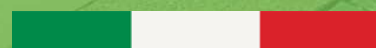
VA-MA[®]

various advanced manufacturing applications

TECHNICAL CATALOGUE

(Swimming pool Pumps)

MADE IN ITALY



WTB PUMP

Description & Applications:

WTB series spa pool pump for filter and cycle system. pump casing is volute design with high-performance and large flow and low-noise. Pump housing could be 90°flexible installations for easy pipe work.

Liquids part is made of high reinforce engineering techno-polymer.

WTB Series suitable for hydro massage tube or boosting of spa system and cycle or filter of swimming pool system.



Main Features:

- Flow rate up to 90 m³/hr
- Head up to 23 m
- Max water temperature 50 °c
- Ambient temperature up to 40 °c

Component Construction:

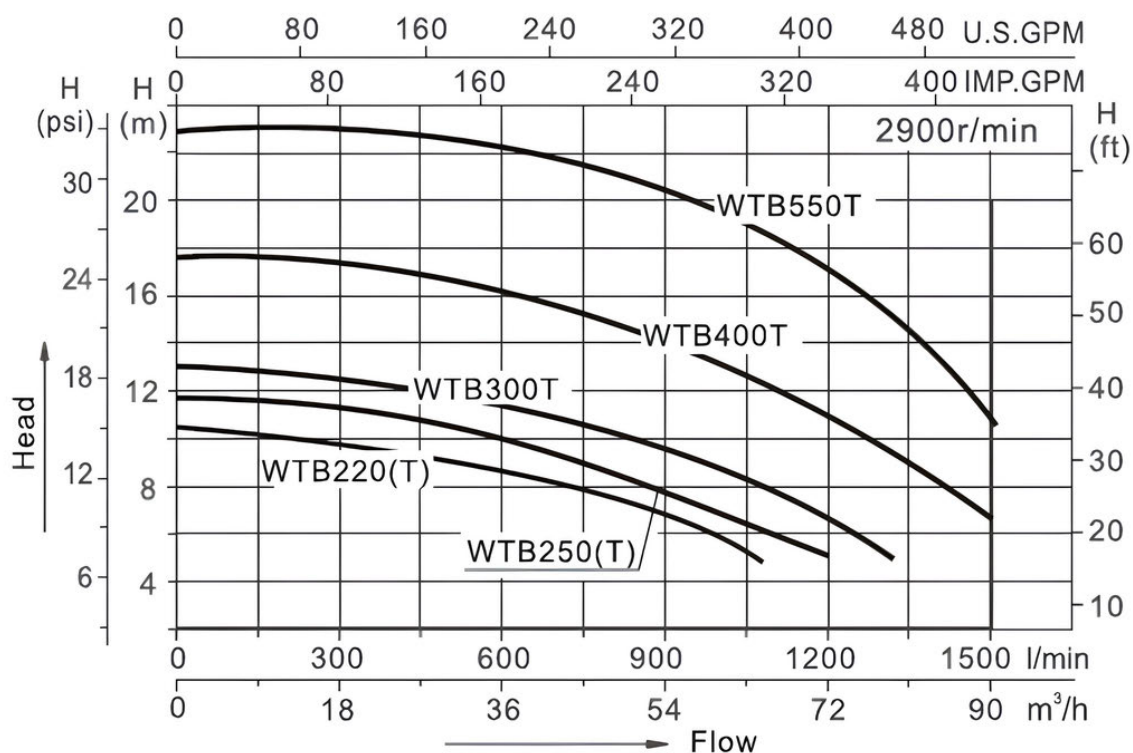
- Pump body : Reinforced techno-polymer
- Pump bracket : Aluminum
- Impeller : Reinforced techno-polymer
- Pump shaft : Stainless steel AISI 316
- Mechanical seal : Graphite / Silicon

Motor:

- Two-pole induction motor (n=2900 r.p.m)
- External cooling
- Insulation class F
- Protection degree IP55
- Single phase 220V/50Hz
- Three phase 380V/50Hz
- Thermal protection (for single phase)
- Continuous service S1

WTB

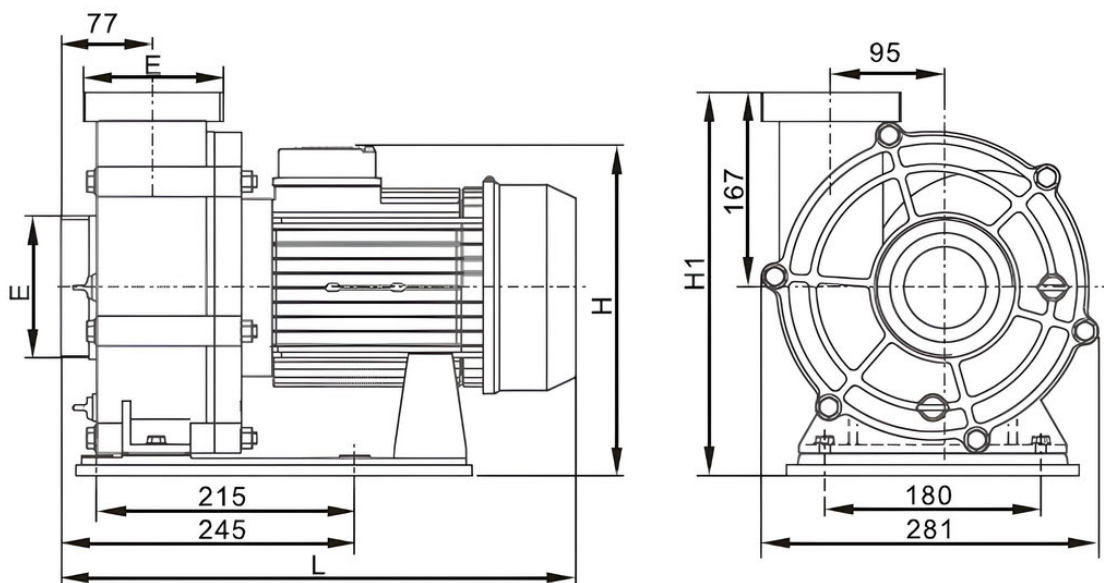
SPECIFICATIONS:



Type	P2		Ampere		Flow Rate (Q)												
			1~ 230V-50Hz	1~ 380V-50Hz	l/min	0	150	300	450	600	750	900	1045	1200	1345	1500	
	m³/hr	0			9	18	27	36	45	54	63	72	81	90			
	(KW)	(HP)			Head (H)												
WTB220	2.2	3.0	10	-	m	11	10	9.8	9.5	8.5	8	7	5	-	-	-	
WTB250	2.5	3.5	13.7	-		11.5	11	10.7	10	9.5	9	8	6.4	5	-	-	
WTB300T	3.0	4.0	-	5.2		13	12.7	12.5	12	11.5	10.5	9.8	8	7	-	-	
WTB400T	4.0	5.5	-	7.0		18	18	17.5	17	16	15	14	12.5	11	9	7	
WTB500T	5.5	7.5	-	11.0		23	23	23	22.5	22	21	20	19	17	14	10.5	

WTB

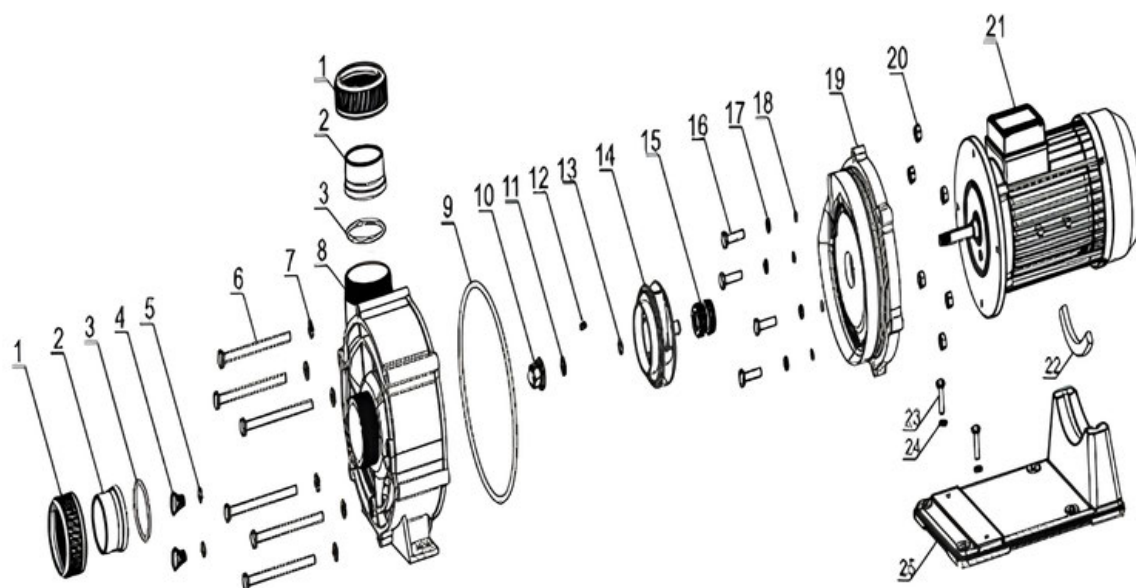
DIMENSIONS:



Model	Dimensions (mm)		E	G.W (Kg)
	L	H		
WTB220	412	301	G2¾ or G4	23.2
WTB250	412	301		24.4
WTB300	412	274		23.9
WTB400	429	274		25.6
WTB500	469	274	G4	28

WTB

EXPLODED VIEW:



NO.	Part Name
1	Tie-in Nut
2	Tie
3	O-Ring
4	Drainage Plug
5	O-Ring
6	Hexagon Bolt
7	Washer
8	Pump Casing
9	O-Ring
10	Impeller Nut
11	Spring Washer
12	Flat Key

NO.	Part Name
13	O-Ring
14	Impeller
15	Mecanical seal
16	Hexagon bolt
17	Seal gasket
18	O-Ring
19	Pump Cover
20	Nut
21	Motor
22	Base
23	Hexagon Bolt
24	Washer
25	Base



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