



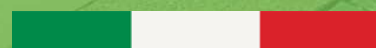
VA-MA[®]

various advanced manufacturing applications

TECHNICAL CATALOGUE

(Swimming pool Pumps)

MADE IN ITALY



SWP PUMP

Description & Applications:

SWP pool pump series, highly efficient structure design for diffuser and impeller to get high performance.

Inlet and outlet are with female or male thread for easy connection.

Liquid's part is made of high reinforce engineering techno-polymer with compact structure.

The high reinforce engineering plastic base is vibration-resistance and corrosive-resistance.

SWP series is preferred product for sand filter of swimming pool. Designed for use in seawater, offering excellent corrosion resistance and long service life.



Main Features:

- Flow rate up to 32 m³/hr
- Head up to 22 m
- Max water temperature 50 °c
- Ambient temperature up to 40 °c

Component Construction:

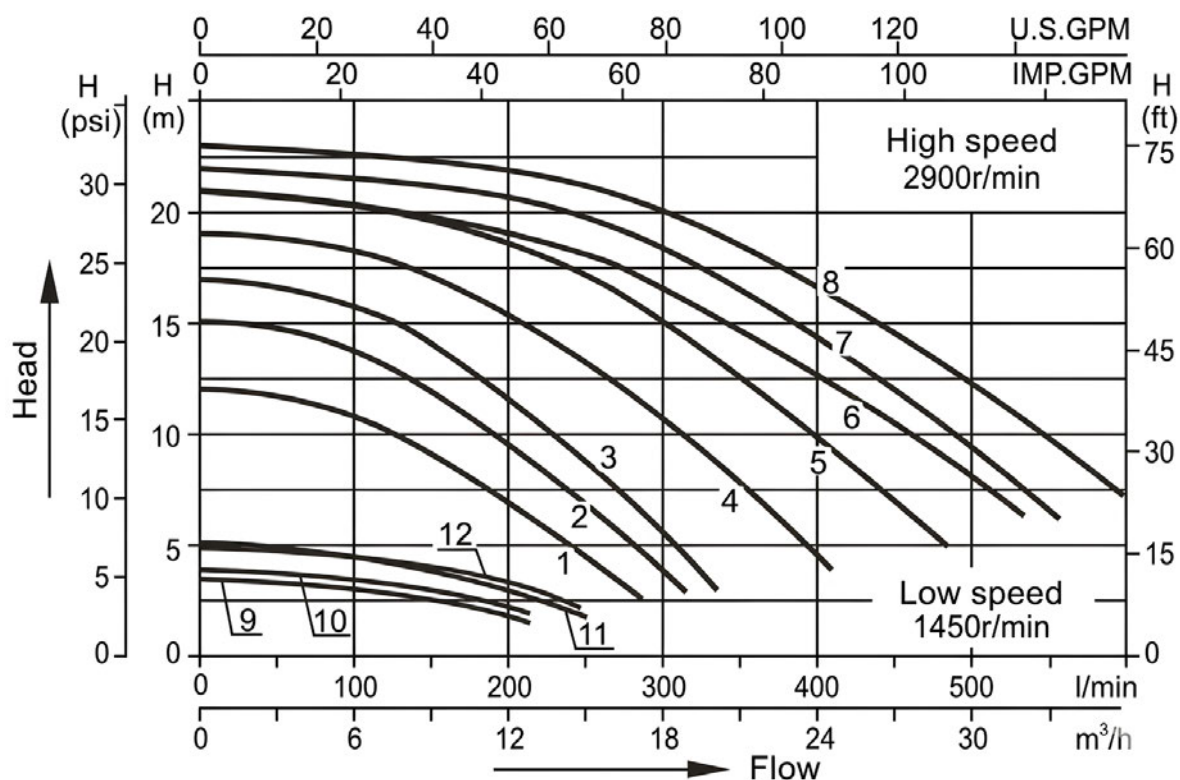
- Pump body : Reinforced techno-polymer
- Pump bracket : Aluminum
- Diffuser : Reinforced techno-polymer
- Impeller : Reinforced techno-polymer
- Pump shaft : Stainless steel AISI 316
- Mechanical seal : Graphite / Silicon

Motor:

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

SWP

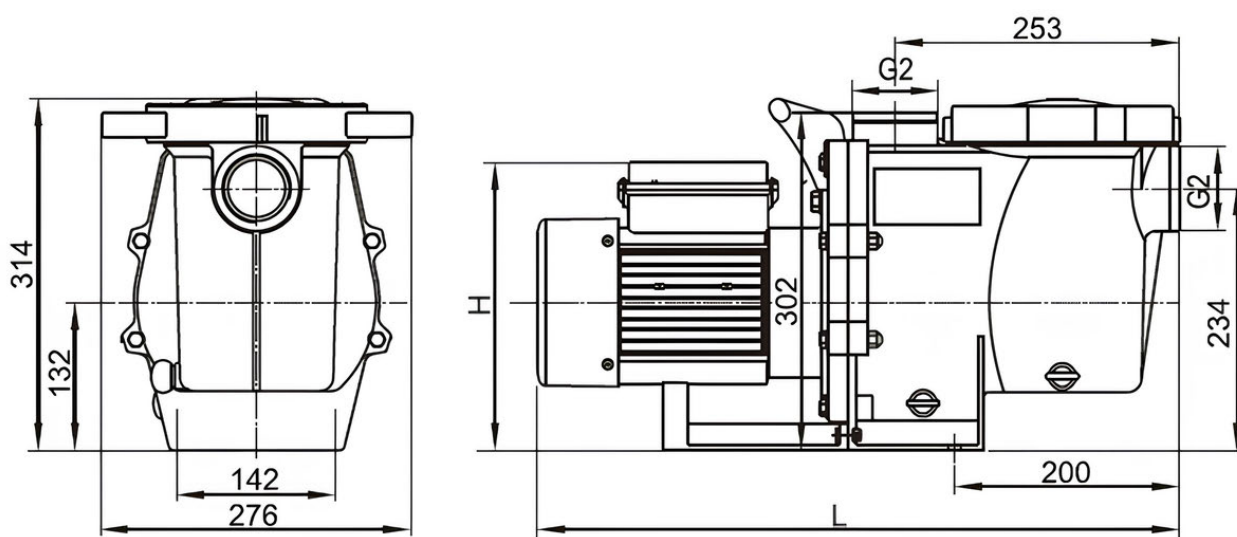
SPECIFICATIONS:



Type	P2		Curve	Ampere	Flow Rate (Q)													
				l/min	0	50	100	150	200	250	300	350	400	450	500	550		
	1~ 230V- 50Hz	m³/hr		0	3	6	9	12	15	18	21	24	27	30	32			
		(KW)		(HP)	Head (H)													
SWPB100	0.75	1.0	2	3.8	m	15	14.5	13.5	11.5	9	6.5	3.5	-	-	-	-	-	
SWPB150	1.1	1.5	4	5.6		19	18.5	18	16.5	15.5	13.5	11	8	4	-	-	-	
SWPB200	1.5	2.0	5	7		21	20.5	20	19.5	18.5	16.5	15	12.5	10	7	-	-	
SWPB300	2.2	3.0	7	10		22	21.5	21	20.7	20.5	20	18	16	14	12	9	6	

SWP

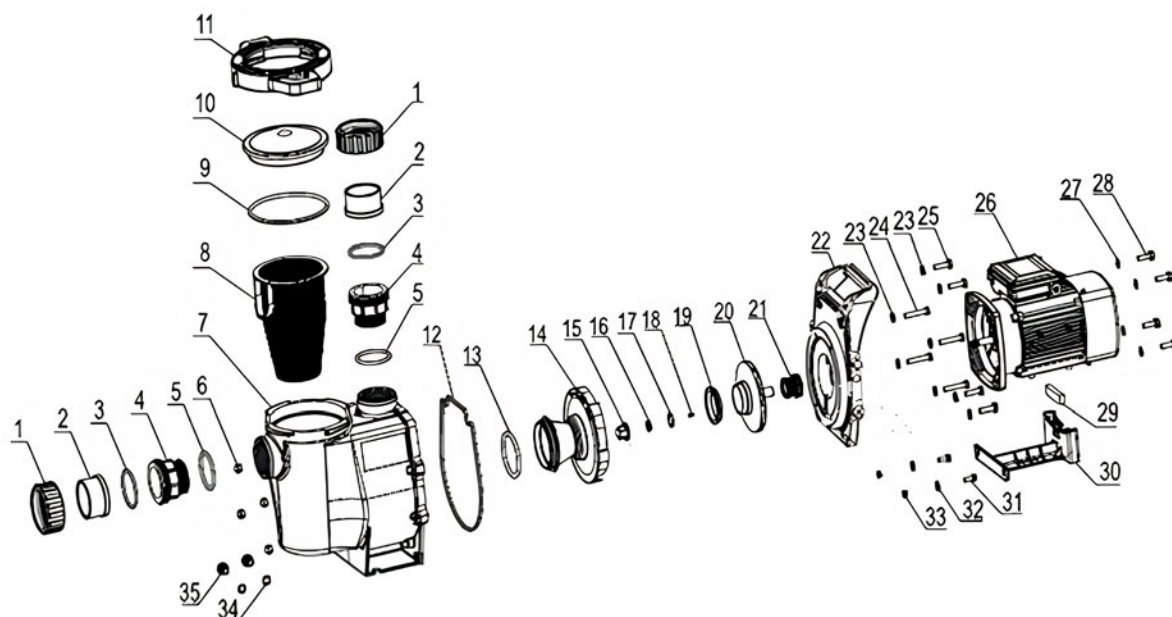
DIMENSIONS:



Model	L (mm)	H (mm)	Fitting (mm)	G.W (Kg)
SWPB100	572	243	63	15.5
SWPB150				17.3
SWPB200		246		18.3
SWPB300	585	264		21.6

SWP

EXPLODED VIEW:



NO.	Part Name
1	Tie-in Nut
2	Tie
3	O-Ring
4	Transitio union
5	O-Ring
6	Acron nut
7	Pump Casing
8	Filter
9	O-Ring
10	Transparent cover
11	Gland cover of Transparent cover
12	Gasket

NO.	Part Name
13	O-Ring
14	Guide vane assembly
15	Impeller Nut
16	Spring Washer
17	O-Ring
18	Flat Key
19	Activities Rings
20	Impeller
21	Mecanical seal
22	Pump Cover
23	Washer
24	Hexagon screw

NO.	Part Name
25	Hexagon screw
26	Motor
27	Washer
28	Hexagon screw
29	Plastic strips
30	Base
31	Hexagon screw
32	Washer
33	Hexagon nut
34	O-Ring
35	Drainage Plug



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