



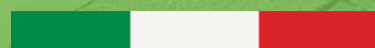
VA-MA[®]

various advanced manufacturing applications

TECHNICAL CATALOGUE

(Swimming pool Pumps)

MADE IN ITALY



SCP PUMP

Description & Applications:

SCP pool pump series is typical swimming pool pump applied for sauna and Spa equipment. The pump body, diffuser and impeller applied efficient structure design with max flow, max head and low noise. Liquids part is made of high reinforce engineering techno-polymer that can afford impact caused by stream. Inlet and outlet is with female or male thread for easy connection.

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

SCP series is suitable for sauna, spa pool and sand filter of swimming pool.



Main Features:

- Flow rate up to 33 m³/hr
- Head up to 22 m
- Max water temperature 50 °c
- Ambient temperature up to 40 °c

Component Construction:

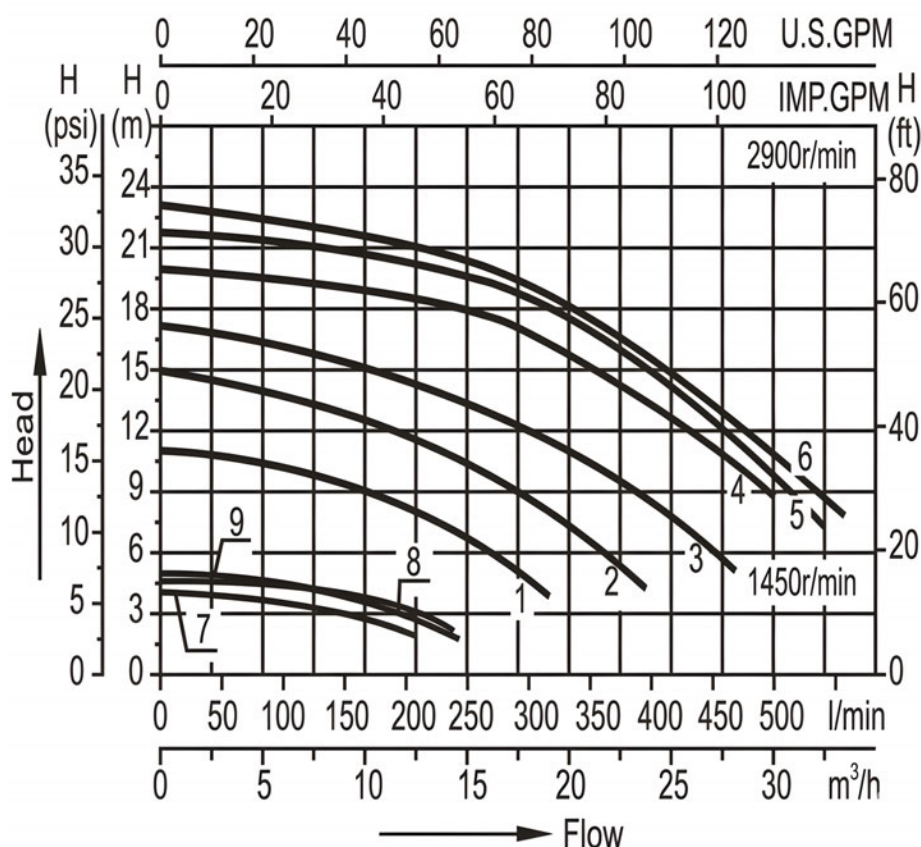
- Pump body : Reinforced techno-polymer
- Pump bracket : Aluminum
- Diffuser : Reinforced techno-polymer
- Impeller : Reinforced techno-polymer
- Pump shaft : Stainless steel AISI 316
- Mechanical seal : Graphite / Silicon

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

SCP

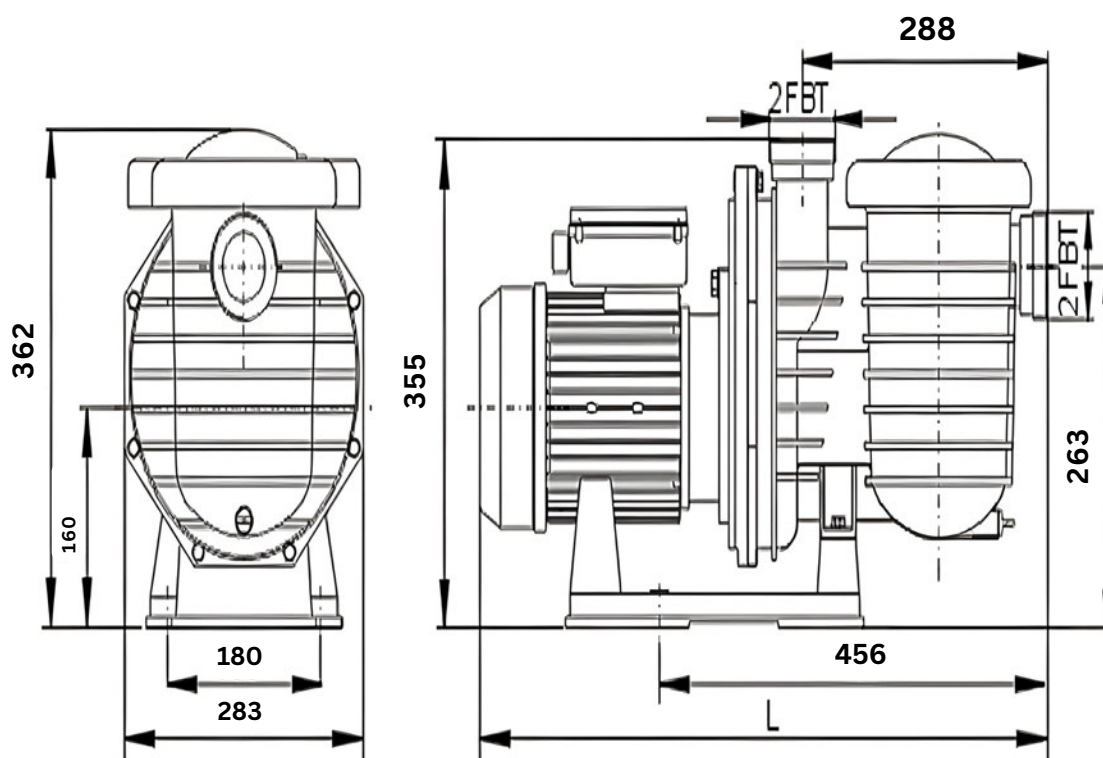
SPECIFICATIONS:



Type	P2		curve	Ampere 1~ 230V- 50Hz	Flow Rate (Q)																
					l/min	0	40	85	125	165	210	250	290	335	375	415	455	500	540	580	
	m³/hr	0			2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35			
	Head (H)																				
SCP100	0.75	1.0	1	3.8	m	11	10.8	10	9	8	7.5	6	4.5	-	-	-	-	-	-		
SCP150	1.1	1.5	2	5.6		16	15.5	15	14	13.5	12.1	11	9.8	9	7	5	-	-	-		
SCP200	1.5	2.0	3	7		17	16.5	16	15.5	15	14	13.5	12	11	9.5	8	6	-	-	-	
SCP300	2.2	3.0	5	10		22	21.7	21.5	21	20.9	20	19.5	19	17.5	16	14	12	10	7.5	-	

SCP

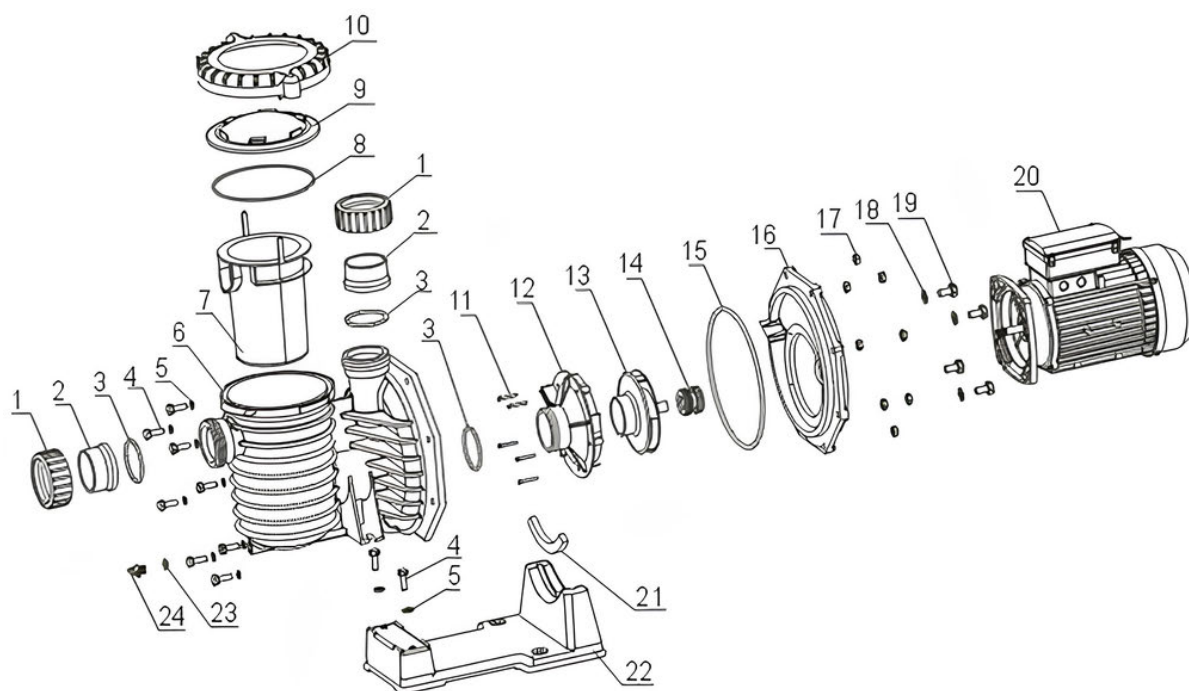
DIMENTIONS:



Model	L(mm)	Fitting (mm)	G.W (Kg)
scp100	635	63	15.8
scp150			16.5
scp200			18.8
scp300	660		22

SCP

EXPLODED VIEW:



NO.	Part Name
1	Tie-in Nut
2	Tie
3	O-Ring
4	Hexagon Bolt
5	Washer
6	Pump Casing
7	Filter
8	O-Ring
9	Transparent cover
10	Gland cover of Transparent cover
11	Hexagon Bolt
12	Diffuser

NO.	Part Name
13	Impeller
14	Mecanical seal
15	O-Ring
16	Pump Cover
17	Hexagon Nut
18	Washer
19	Hexagon Bolts
20	Motor
21	Block Gine
22	Base
23	O-Ring
24	Drainge Plug



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- 📍 **Showroom:** 47 Naguib El-Rehany St - Down Town - Cairo
- 📍 **Head Office:** D111&D122 The courtyard - El Sheikh Zayed - Giza
- 🌐 Tervina Egypt Group
- ✉ technical-support@Tervina-eg.com
- 🌐 www.Tervina-eg.com
- ☎ **19301**