





SCP Heating and Circulation Pumps



Approvals





Contents

Application	page	4
Design		4
Material		4
Operating conditions		4
Definition of model		5
Electric Motor		5
Product selection		6
Type Spectra		6
Tables		7
Product List		8
Technical data		10
Structure	3	32

Heating and Circulation Pumps

- SCP is Circulating pump research and developed by scientific research personnel of our company.
- SCP pump has following merits: no leackage, low noise, environmental protection, beautiful appearance, convenient installation, run responsible and so on. It is designed special for heating system and it can be used to supply water and add pressure for mansions of city, villa of suburb, house, to match with industrial equipment, to supply water in cycle for cooling air-condition, boiler and solar energy, supply hot water and keep warm in cycle.
- Pump casing with suction and delivery connections with the same diameter and on the same axis(in-line).
- With fittings.

Application

- Clean liquid without abrasives which are non-aggressive to the pump material.
- Civilian and industrial heating systems.
- Cooling and air-conditioning systems.

Design

- Structure: The product is made up of pump and single-phase shield motor. The pump is made up of impeller, body of pump,etc. The motor consists of stator, rotor, shield cover and deflating bolt.
- Seal: The pump isnt sealed with machinery sealing. The stator and rotor of motor are sealed with stainless sreal cover. Other parts are all sealed with heat-resisting rubber facing ring, so that theres no leakage.
- Lubricate: Inside circulation way is adopted in the product. The water between the stator and rotor can lubricate and cool the motor as the lubricate and coolant.

Material

- Pump housing: Cast iron/Stainless steel/Plastic/Copper
- Impeller: Plastic
- Shaft: Ceramic / Stainless Steel
- Bearings: Ceramic / Carbon
- Bearing base Stainless steel
- Connection Cast iron/Stainless steel/Copper

Operating conditions

- Liquid temperature: 2C to 110C
- Ambient temperature: up to 40C
- Max. working pressure: 10bar

Transmitted liquid shouldnt include solid impurity the volum of which ratio exceeds 0.1%.

Definition of Model



- S Three-gear motor (single gear without letter)
- Z Axial inlet direction(radial direction without letter)
- **F** Flange pipe connection(threaded connection without letter)
- C Pump installed with check valve
- P The plastic pump housing
- N Stainless-steel pump housing
- E Enamel pump housing(cast-iron housing without letter)
- B Bronze pump housing(cast-iron housing without letter)

Electric Motor

2-Pole induction motor.

Enclosure class: IP 44

Insulation class: H

Standard voltage: 1 x 230V, 50Hz , single-phase AC power



Production selection

Users can select a model from the type spectra according to the requirent of head and flow.

SCP series have two kinds of pipe connections ,threaded and flange. Models with power above 300W mainly have flange connection. We can make customized design according to your needs.

Pump housing is generally made of cast iron. Bronze and stainless steel pump housing is also available. Pump with cast iron housing is widely used for delivering water for room heating. Pump with bronze housing is largely used in the floor heating system. For delivering domestic hot water we recommend using pump with stainless steel housing(SCP-N) or bronze housing(SCP-B).

Type Spectra





Tables

For pumps with power below 270W, the inlet minimum water pressure should be maintained as following:

Liquid Temperature	85°C	90°C	110°C
Inlet Pressure	6 Head(m)	7.5 Head(m)	15 Head(m)
	0.6 bar	0.75 bar	1.5 bar

For pumps with power above 300W, the inlet minimum water pressure is different for each model, see following details:

	Liquid Temperature								
Model	70°C(bar)	90°C(bar)	110°C(bar)						
SCP40-4.5F	0.35	0.75	1.45						
SCP40-6F	0.15	0.75	1.2						
SCP50-5F	0.35	0.75	1.05						
SCP50-8F	0.15	0.75	1.2						
SCP25-9	0.35	0.75	1.2						
SCP32-9	0.35	0.75	1.2						
SCP15-12	0.3	0.75	1.3						
SCP25-12	0.4	0.75	1.4						
SCP32-12	0.4	0.75	1.4						
SCP32-9F	0.35	0.75	1.2						
SCP32-12F	0.4	0.75	1.4						
SCP25-16	0.8	1.1	1.7						
SCP25-20	0.7	0.95	1.6						
SCP40-12F	0.35	0.75	1.15						
SCP40-16F	0.4	0.75	1.4						
SCP50-12F	0.4	0.75	1.4						
SCP50-16F	0.35	0.75	1.35						
SCP50-20F	0.85	1	1.6						
SCP65-5F	0.45	0.75	1.2						
SCP65-8F	0.45	0.75	1.2						
SCP65-10F	0.9	1.2	1.9						
SCP65-12F	0.7	1	1.7						
SCP25-9Z	0.35	0.75	1.2						
SCP25-12Z	0.4	0.7	1.4						
SCP20-12Z	0.45	0.75	1.6						
SCP20-16Z	0.65	1.05	1.85						
SCP25-16Z	0.8	1.1	1.7						
SCP25-20Z	0.7	0.95	1.6						
SCP20-20Z	0.8	1.1	1.7						
SCP20-26Z	0.8	1.1	1.7						
SCP20-35Z	0.5	1.05	1.7						

Product List

Parameter Table for 270W pumps and below

	Powe	er (W)	May Elaw			Voltaç	ge (V)		Housing r	naterial	
Model	Input	Output	(m/h)	(w)	Rated Current (A)	115	230	Cast Iron	Plastic	Copper	Stainless steel
SCP20-4S			2.8			٠	٠	• 0	•	•	•
SCP25-4S	65	20	3.0	65/ 50/ 32	0.28/0.22/0.15	٠	٠	•		•	•
SCP32-4S			3.5			•	٠	•			
SCP20-5S			2.8			•	٠	• 0	•	•	•
SCP25-5S	85	25	3.3	85/ 60/ 40	0.4 /0.3 /0.22	•	٠	•		•	•
SCP32-5S			4.0			•	٠	•			
SCP20-6S			2.8			•	•	• 0	•	•	•
SCP25-6S	100	30	3.3	100/ 70/ 55	0.45/0.35/0.25	•	•	•		•	•
SCP32-6S			4.0			•	•	•			
SCP20-7S			3.5			•	•	• 0	•	•	•
SCP25-7S	140	45	4.0	130/110/ 90	0.6 /0.52/0.42	•	٠	•		•	•
SCP32-7S			4.5			•	٠	•			
SCP15-9S	120	40	1.8	120/ 80/ 65	0.5 /0.4 /0.3	•	٠	• 0			
SCP15-12S	270	120	3.5	270/240/160	1.2 /1.1 /0.75	•	•	• 0			
SCP25-8S	245	00	6.0	245/100/125	1 1 /0 95/0 60	•	٠	• 0	•	•	
SCP32-8S	243	90	8.0	245/190/135	1.1 /0.00/0.00	•	•	•			•
SCP32-5SF	145	60	8.0	145/135/ 95	0.65/0.6 /0.45	•	•	•			
SCP32-8SF	245	90	8.0	245/190/135	1.1 /0.85/0.60	•	•	•			
SCP40-3SF	145	60	8.0	145/120/100	0.65/0.53/0.45	•	•	•			

			•							
	Powe	er (W)	Rated flow	Potod bood	Potod Current		Volta	ge (V)	Housing ma	aterial
Model	Input	Output	(m ³ /h)	(m)	(A)	Speed (r/min)	115	230	Cast Iron	Copper
SCP25-9			5	5	1.5	2750	•	•	•	
SCP32-9	300	150	5	5	1.5	2750	•	•	٠	
SCP15-12			1.25	10	1.5	2750	•	•	•	
SCP25-12	500	200	5	8	2.5	2800		•	•	
SCP32-12	500	200	5	8	2.5	2800		•	٠	
SCP25-16	700	400	5	12.5	3.4	2800		•	•	
SCP25-20	1000	600	5	16	4.9	2800		•	•	
SCP32-9F	300	150	5	5	1.5	2750	•	•	٠	
SCP32-12F	500	280	5	8	2.5	2800		•	•	
SCP40-4.5F	300	150	8	3	1.5	2750	•	•	•	
SCP40-6F	500	280	12.5	4	2.5	2800		•	•	
SCP50-5F	300	150	10	3	1.5	2750	•	•	•	
SCP50-8F	500	280	8	5	2.5	2800		•	٠	
SCP40-12F	700	400	8	8	3.4	2800		•	٠	
SCP40-16F	1000	600	8	12.5	4.9	2800		•	٠	
SCP50-12F	1000	600	12.5	8	4.9	2800		•	•	
SCP50-16F	1000	050	12.5	12.5	5.8	2820		•	٠	
SCP50-20F	- 1300	850	8	16	5.8	2820		•	٠	
SCP65-5F	700	400	15	3	3.4	2800		•	٠	
SCP65-8F	700	400	16	6	3.4	2800		•	٠	
SCP65-10F	1000	600	18	7	4.9	2800		•	٠	
SCP65-12F	1300	850	20	10	5.8	2820		•	•	
SCP25-9Z	300	150	5	5	1.5	2750	•	•	٠	
SCP25-12Z	500	280	5	8	2.5	2800		•	•	
SCP20-12Z	300	150	2	8	1.5	2750	•	•	• 0	•
SCP20-16Z	500	280	2	12.5	2.5	2800		•	• 0	•
SCP25-16Z	700	400	5	12.5	3.4	2800		•	• 0	
SCP25-20Z	1000	600	5	16	4.9	2800		•	• 0	
SCP-20Z	700	400	2	16	2.5	2800		•	• 0	•
SCP-26Z	1000	600	3	20	4.9	2800		•	• 0	•
SCP-35Z	1300	850	2	32	5.8	2820		•	• 0	•

Parameter Table for 300W pumps and above

SCP20/25/32-4S



	Max Flow	RatedPower	Rated Current	Power(W)	Volta	ge (V)	Material of pump housing				
Model	(m/h)	(W)	(A)	Input/Output	115	230	Cast Iron Enamelled	Plastic	Copper	Stainless steel	
SCP20-4S	2.8				•	•	• •	•	•		
SCP25-4S	3.0	65/50/32	0.28/0.22/0.15	65/20			•				
SCP32-4S	3.5						•				

		Dimer	nsions			Weig	nt (Kg)	Volumo		Package size(mm×m m× mm)				
Model	L	Н	H1	В	G	N.W.	G.W.	(m)	Connection/Flange	Inner box	Outer box			
SCP20-4S	130	130	105	130	1"	2.1	2.4	0.0035	1"-3/4"	170× 140× 145	350×290×300			
SCP25-4S	130/180	130	105	130	11/2"	2.4	3	0.0041	11/2"-1"	170×1 40×1 45 200×1 40×1 45	350×2 90×3 00 410×2 90×3 00			
SCP32-4S	180	130	105	130	2"	2.7	3.5	0.0041	2"-11/4"or11/2"	200×1 40×1 45	410×2 90×3 00			

SCP20/25/32-5S



	Max Flow	RatedPower	Rated Current	Power(W)	Volta	ge (V)	Material of pump housing				
Model	(m ² h)	(W)	(A)	Input/Output	115	230	Cast Iron Enamelled	Plastic	Copper	Stainless stee	
SCP20-5S	2.8				•	•	• 0	•		•	
SCP25-5S	3.3	85/60/40	0.4/0.3/0.22	85/25	•		•				
SCP32-5S	4.0						•				

Model		Dimensi	ion			Weight (Kg)		Volumo		Package size(mm×r		
	L	н	H1	В	G	N.W.	G.W.	(m)	Connection/Flange	Inner box	Outer box	
SCP20-5S	130	130	105	130	1"	2.3	2.6	0.0035	1"-3/4"	170× 140× 145	350× 290× 300	
SCP25-5S	130/180	130	105	130	11/2"	2.6	3.2	0.0041	11/2"-1"	170×1 40×1 45 200×1 40×1 45	350×2 90×3 00 410×2 90×3 00	
SCP32-5S	180	130	105	130	2"	2.9	3.8	0.0041	2"-11/4"or11/2"	200×1 40×1 45	410×2 90×3 00	

SCP20/25/32-6S



	Max Flow	RatedPower	Rated Current	Power(W)	Voltage (V)		Material of pump housing					
Model	(m/h)	(W)	(A)	Input/Output	115	230	Cast Iron	Enamelled	Plastic	Copper	Stainless steel	
SCP20-6S	2.8				•			0			•	
SCP25-6S	3.3	100/70/55	0.45/0.35/0.25	100/30	•						•	
SCP32-6S	4.0				•							

		Dime	ensions			Weig	ht (Kg)	Volumo		Package size(mm×m m× mm)				
Model	L	Н	H1	В	G	N.W.	G.W.	(m)	Connection/Flange	Inner box	Outer box			
SCP20-6S	130	130	105	130	1"	2.3	2.6	0.0035	1"-3/4"	170× 140× 145	350×290×300			
SCP25-6S	130/180	130	105	130	11/2"	2.6	3.2	0.0041	11/2"-1"	170× 140 × 145 200× 140× 145	350×290×300 410×290×300			
SCP32-6S	180	130	105	130	2"	2.9	3.8	0.0041	2"-11/4"or11/2"	200× 140× 145	410× 290× 300			

SCP20/25/32-7S



	Max Flow	RatedPower	Rated Current	Power(W)	Voltage (V)		Material of pump housing				
Model	(m/h) (W) (A)		Input/Output	115	230	Cast Iron	Enamelled	Plastic	Copper	Stainless steel	
SCP20-7S	3.5				٠	٠		0			
SCP25-7S	4.0	130/100/70	0.6/0.52/0.42	140/45							•
SCP32-7S	4.5				•	•	•				

		Dimension					ht (Kg)	Valumaa		Package size(r	mm×m m× mm)
Model	L	Н	H1	В	G	N.W.	G.W.	(m)	Connection/Flange	Inner box	Outer box
SCP20-7S	130	130	105	130	1"	2.3	2.7	0.0035	1"-3/4"	170× 140× 145	350×290×300
SCP25-7S	130/180	130	105	130	11/2"	2.6	3.2	0.0041	11/2"-1"	170× 140× 145 200× 140× 145	350 × 290 × 300 410 × 290 × 300
SCP32-7S	180	130	105	130	2"	2.9	3.8	0.0041	2"-11/4"or11/2"	200×140×145	410× 290× 300

SCP25/32-8S





	Max Flow	RatedPower	Rated Current	Power(W)	Volta	ge (V)	Material of	oump	housir	ng
Model	(m ² h)	(W)	(A)	Input/Output	115	230	Cast Iron Enamelled	Plastic	Copper	r Stainless steel
SCP25-8S	6	245/100/135	1 1/0 85/0 60	2/15/00	•		• •			
SCP32-8S	8	243/190/133	1.1/0.03/0.00	243/30			•			

	Dimension					Weig	ht (Kg)	Valuma		Package size(mm×m m× mm)			
Model	L	Н	H1	В	G	N.W.	G.W-	(m)	Connection/Flange	Inner box	Outer box		
SCP25-8S	180	170	130	150	11/2"	4.8	5.5	0.0063	11/2"-1"	200× 165× 190	410× 340× 195		
SCP32-8S	180	170	130	150	2"	4.6	5.6	0.0063	2"-11/4"or11/2"	200× 165× 190	410× 340× 195		

SCP15-9S/15-12S





	Max Flow	RatedPower	Rated Current	Power(W)	Volta	ge (V)	Material of	oump	housir	ng
Model	(m ² h)	(W)	(A)	Input/Output	115	230	Cast Iron Enamelled	Plastic	Copper	Stainless steel
SCP15-9S	1.8	120/80/50	0.5/0.4/0.3	120/40			• •			
SCP15-12S	3.5	270/240/160	1.2/1.1/0.75	270/120	•	•	• 0			

		Dim	ension			Weig	ht (Kg)	Volumo		Package size(r	mm×m m× mm)
Model	L	н	H1	В	G	N.W.	G.W.	(m)	Connection/Flange	Inner box	Outer box
SCP15-9S	130	130	105	130	3/4"	2.3	2.5	0.0035	3/4"-1/2"	170× 140× 145	350×290×300
SCP15-12S	150	150	132	150	3/4"	3.9	4.4	0.0063	3/4"-1/2"	200× 165× 190	410× 340× 195

SCP32-8SF/32-5SF







	Max Flow	RatedPower	Rated Current	Power(W)	Volta	ge (V)	Material of p	oump l	housir	ng
Model	(m ² h)	(W)	(A)	Input/Output	115	230	Cast Iron Enamelled	Plastic	Copper	Stainless steel
SCP32-5SF	8	145/135/95	0.65/0.6/0.45	145/60			•			
SCP32-8SF	8	245/190/135	1.1/0.85/0.60	245/90			•			

		Dime	ension			Weigl	nt (Kg)	Volumo		Package size(mm×m m× mm)					nm)
Model	L	Н	H1	В	G	N.W.	G.W.	(m)	Connection/Flange	In	ner box		Oi	uter box	
SCP32-5SF	200	185	130	150	DN32	5.2	6.8	0.0083	DN32-G2"	225×	175×	210	460×	360×	215
SCP32-8SF	200	185	130	150	DN32	5.8	7.4	0.0083	DN32-G2"	225×	175×	210	460×	360×	215

SCP40-3SF



	Max Flow	RatedPower	Rated Current	Power(W)	Volta	ge (V)	Material of p	oump ł	nousin	ıg
Model	(m ³ h)	(W)	(A)	Input/Output	115	230	Cast Iron Enamelled	Plastic	Copper	Stainless steel
SCP40-3SF	8	145/120/100	0.65/0.53/0.45	145/60			•			

	Dimension					Weig	ht (Kg)	Volumo		Package size(r	mm×m m× mm)
Model	L	Н	H1	В	G	N.W.	G.W.	(m)	Connection/Flange	Inner box	Outer box
SCP40-3SF	215	185	120	150	DN40	7.2	7.6	0.009	DN40	240× 170× 215	490× 350× 220



SCP40-4.5F/40-6F





	Rated flow	Rated head	Rated Current	Speed	Power(W)	Volta	ge (V)	Material of p	ump h	ousing
Model	(m/h)	(m)	(A)	(r/min)	Input/Output	115	230	Cast Iron Enamelled	Copper	Stainless stee
SCP40-4.5F	8	3	1.5	2750	300/150	•		•		
SCP40-6F	12.5	4	2.5	2800	500/280			•		

							Din	nension								
Model	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	М
SCP40-4.5F	61	189	250	230	115	68	99	90	60	40	13.5	100	130	100	150	M8
SCP40-6F	61	209	270	230	115	68	99	90	60	40	13.5	100	130	100	150	M8

		Weigh	nt (Kg)	Volumo	Package size(mm×m m× mm)					
Model	Connection/Flange	N.W.	G.W.	(m)	Inner box	Outer box				
SCP40-4.5F	DN40	9.5	12.2	0.013	255× 190× 270	265×390×275				
SCP40-6F	DN40	10.8	13.5	0.014	255× 190× 290	265×390×295				

SCP50-5F/50-8F





	Rated flow	Pated head	Rated Current	Spood	Power(W)	Voltage (V)		Material of pump housing			
Model	(m/h)	(m)	(A)	(r/min)	Input/Output	115	230	Cast Iron Enamelled	Copper	Stainless stee	
SCP50-5F	10	3	1.5	2750	300/150			•			
SCP50-8F	8	5	2.5	2800	500/280			•			

							Din	nension								
Model	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	М
SCP50-5F	72	165	237	250	125	68	154	90	67	50	17.5	13.5	125	110	165	M10
SCP50-8F	72	185	257	250	125	68	154	90	67	50	17.5	13.5	125	110	165	M10

		Weigh	nt (Kg)) (= h	
Model	Connection/Flange	N.W.	G.W.	(m)	Package size(mm×m m× mm)
SCP50-5F	DN50	11.6	13	0.021	310× 200× 280
SCP50-8F	DN50	13	15	0.021	310× 200× 280

SCP25-9/32-9/25-12/32-12





	Potod flow	Rated boad	Rated Current	Speed	Power(W)	Voltag	ge (V)	Material of pu	imp ho	ousing
Model	(m/h)	(m)	(A)	(r/min)	Input/Output	115	230	Cast Iron Enamelled	Copper	Stainless stee
SCP25-9	5	5	1.5	2750				•		
SCP32-9	5	5	1.5	2750	300/150			•		
SCP25-12	5	8	2.5	2800	500/280		•	•		
SCP32-12	5	8	2.5	2800	300/200		•	•		

				Dim		Weigł	nt (Kg)	Volumo				
Model	H1	H2	H3	L1	L2	B1	B2	B3	М	N.W.	G.W.	(m)
SCP25-9	44	165	209	220	110	68	99	70	M8	6.4	6.8	0.012
SCP32-9	49	165	214	220	110	68	99	70	M8	7	8.1	0.012
SCP25-12	44	185	229	220	110	68	99	70	M8	7.7	8.5	0.013
SCP32-12	49	185	234	220	110	68	99	70	M8	8.4	9.5	0.013

		Package size(m	ım×m m mm)
Model	Connection/Flange	Inner box	Outer box
SCP25-9	11/4"-3/4"	255×2 00×2 35	520× 410× 240
SCP32-9	2"-11/4"or11/2"	255×2 00×2 35	520× 410× 240
SCP25-12	11/4"-3/4"	255×2 00×2 55	520× 410× 260
SCP32-12	2"-11/4"or11/2"	255×2 00×2 55	520× 410× 260

SCP32-9F/32-12F





	Rated flow Rated head Rated		Rated Curren	Speed	Power(W)	Voltag	ge (V)	Material of pu	mp hc	ousing
Model	(m/h)	(m)	(A)	(r/min)	Input/Output	115	230	Cast Iron Enamelled	Copper	Stainless steel
SCP32-9F	5	5	1.5	2750	300/150			•		
SCP32-12F	5	8	2.5	2800	500/280			•		

						Dime	nsion						
Model	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	М
SCP32-9F	49	165	214	220	110	68	99	70	90	40	11.5	90	M8
SCP32-12F	49	185	234	220	110	68	99	70	90	40	11.5	90	M8

	Weight	t (Kg)	Volumo		Package size(m	m×m m× mm)
Model	N.W.	G.W.	(m)	Connection/Flange	Inner box	Outer box
SCP32-9F	8	9.7	0.012	DN32	255× 200× 235	520× 410× 240
SCP32-12F	9.3	10.9	0.013	DN32	255×200×255	520× 410× 260



SCP25-16/25-20





Rated flow Rated be		Pated head	Rated Curren	Spood	Power(W)	Voltage (V)		Material of pump housing			
Model	(m/h)	(m)	(A)	(r/min)	Input/Output	115	230	Cast Iron Enamelled	Copper	Stainless stee	
SCP25-16	5	12.5	3.4	2800	700/400			•			
SCP25-20	5	16	4.9	2800	1000/600			•			

				Dim	ension					Weigł	nt (Kg)	Volumo
Model	H1	H2	H3	L1	L2	B1	B2	B3	М	N.W.	G.W.	(m)
SCP25-16	54	232	286	230	115	80	154	80	M8	12.5	13.6	0.026
SCP25-20	54	232	286	230	115	80	154	80	M8	13.4	14.7	0.026

Model	Connection/Flange	Package size(mm×m m× mm)
SCP25-16	11/2"-1"or11/4"-3/4"	260×2 60×3 30
SCP25-20	11/2"-1"or11/4"-3/4"	260×2 60×3 30

SCP40-12F/40-16F



	Rated flow	Rated head	Rated Curren	Spood	Power(W)	Volta	ge (V)	Material of pu	mp ho	using
Model	(m/h)	(m)	(A)	(r/min)	Input/Output	115	230	Cast Iron Enamelled	Copper	Stainless stee
SCP40-12F	8	8	3.4	2800	700/400		•	•		
SCP40-16F	8	12.5	4.9	2800	1000/600		•	•		

							Dim	ension								
Model	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	М
SCP40-12F	65	232	297	250	125	80	154	80	60	40	17.5	13.5	110	100	150	M10
SCP40-16F	65	232	297	250	125	80	154	80	60	40	17.5	13.5	110	100	150	M10

	Weight	t (Kg)	Volumo		
Model	N.W.	G.W.	(m)	Connection/Flange	Package size(mm×m m× mm)
SCP40-12F	15.3	18.4	0.026	DN40	260×260x330
SCP40-16F	16.9	20	0.026	DN40	260×260x330

SCP50-12F/50-16F/50-20F





	Rated flow	Pated bead	Rated Current	Speed	Power(W)	Volta	ge (V)	Material of pu	mp ho	using
Model	(m/h)	(m)	(A)	(r/min)	Input/Output	115	230	Cast Iron Enamelled	Copper	Stainless steel
SCP50-12F	12.5	8	4.9	2800	1000/600			•		
SCP50-16F	12.5	12.5	5.8	2820	1200/850		•	•		
SCP50-20F	8	16	5.8	2820	1300/030			•		

							Din	nension								
Model	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	М
SCP50-12F	72	232	304	280	140	88	154	90	72	50	17.5	13.5	125	110	165	M10
SCP50-16F	72	257	329	280	140	88	154	90	72	50	17.5	13.5	125	110	165	M10
SCP50-20F	72	257	329	280	140	88	154	90	72	50	17.5	13.5	125	110	165	M10

	Weigh	t (Kg)	Volumo		
Model	N.W.	G.W.	(m)	Connection/Flange	Package size(mm×m m× mm)
SCP50-12F	17.6	22.4	0.04	DN50	393×3 38×2 93
SCP50-16F	19.6	24.4	0.04	DN50	393×3 38×2 93
SCP50-20F	19.8	24.6	0.04	DN50	393×3 38×2 93

SCP 65-5F/65-8F/65-10F/65-12F





	Rated flow	Pated head	Rated Curren	Speed	Power(W)	Voltag	ge (V)	Material of pu	imp ho	ousing
Model	(m/h)	(m)	(A)	(r/min)	Input/Output	115	230	Cast Iron Enamelled	Copper	Stainless steel
SCP65-5F	15	3	3.4	2800				•		
SCP65-8F	16	6	3.4	2800	700/400		•	•		
SCP65-10F	18	7	4.9	2800	1000/600		•	•		
SCP65-12F	20	10	5.8	2820	1300/850		•	•		

							Dim	ension								
Model	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	М
SCP65-5F	78	232	310	280	140	88	154	90	76	65	17.5	13.5	145	130	180	M10
SCP65-8F	78	232	310	280	140	88	154	90	76	65	17.5	13.5	145	130	180	M10
SCP65-10F	78	232	310	300	150	93	154	90	76	65	17.5	13.5	145	130	185	M10
SCP65-12F	78	257	335	300	150	93	154	90	76	65	17.5	13.5	145	130	185	M10

	Weight	t (Kg)	Volumo		
Model	N.W.	G.W.	(m)	Connection/Flange	Package size(mm×m m× mm)
SCP65-5F	18	21.5	0.04	DN65	393×3 38×2 93
SCP65-8F	18.2	21.7	0.04	DN65	393×3 38×2 93
SCP65-10F	19.7	24.7	0.042	DN65	393×3 58×2 93
SCP65-12F	21.5	26.5	0.042	DN65	393×3 58×2 93

SCP 25-9Z/25-12Z





	Poted flow	Dated band	Dated Current	Crood	Power(W)
Model	(m/ħ)	(m)	(A)	(r/min)	Input/Output
SCP25-9Z	5	5	1.5	2750	300/150
SCP25-12Z	5	8	2.5	2800	500/280

	Voltag	je (V)		Material of pur	np housing		Package size(r	nm×m m× mm)
Model	115	230	Cast Iron	Enamelled	Copper	Stainless steel	Inner box	Outer box
SCP25-9Z		•	•				215× 165× 225	440× 340× 230
SCP25-12Z		•	•				215×1 65×2 45	440×3 40×2 50

					Dime	ension							Weight	t (Kg)	Volumo
Model	H1	H2	H3	L1	L2	L3	L4	B1	B2	D1	G1	G2	N.W.	G.W.	(m)
SCP25-9Z	110	72	182	209	130	114	45	104	132	10	1 1/4"	1"	6.5	7.2	0.008
SCP25-12Z	110	72	182	229	130	114	45	104	132	10	1 1/4"	1"	8	8.7	0.009

SCP20-12Z/20-16Z





	Poted flow	Dated based	Deted Ourset	Croad	Power(W)		
Model	(m/h)	(m)	(A)	(r/min)	Input/Output		
SCP20-12Z	2	8	1.5	2750	300/150		
SCP20-16Z	2	12.5	2.5	2800	500/280		

	Volta	ge (V)		Material of pur	np housing	Package size(mm×m m× mm)			
Model	115	230	Cast Iron	Enamelled	Copper	Stainless steel	Inner box	Outer box	
SCP20-12Z		•	•	0	•		215× 165× 225	440× 340× 230	
SCP20-16Z		•	•	0	•		215×1 65×2 45	440×3 40×2 50	

		Dimension) (aluma
Model	H1	H2	H3	L1	L2	L3	L4	B1	B2	D1	G1	G2	N.W.	G.W.	(m)
SCP20-12Z	106	75	181	202	127	92	37	120	145	10	1"	3/4"	6.4	7.1	0.008
SCP20-16Z	106	75	181	222	127	92	37	120	145	10	1"	3/4"	7.8	8.5	0.009

SCP25-16Z/25-20Z





	Poted flow	Dated band		Creed	Power(W)	
Model	(m/h)	(m)	(A)	(r/min)	Input/Output	
SCP25-16Z	5	12.5	3.4	2800	700/400	
SCP25-20Z	5	16	4.9	2800	1000/600	

	Voltag	je (V)		Material of pun	np housing		
Model	115	230	Cast Iron	Enamelled	Copper	Stainless steel	Package size(mm×m m× mm)
SCP25-16Z		•	•	0			358× 238× 298
SCP25-20Z		•	•	0			358× 238× 298

Dimension													Weight	Volumo	
Model	H1	H2	H3	L1	L2	L3	L4	B1	B2	D1	G1	G2	N.W.	G.W.	(m)
SCP25-16Z	130	90	244	268	165	148	48	134	164	12	1 1/4"	1"	10.6	12.2	0.026
SCP25-20Z	130	90	244	268	165	148	48	134	164	12	1 1/4"	1"	11.6	13.2	0.026

SCP20-20Z/20-26Z/20-35Z





	Poted flow	Poted bood	Deted Current	Speed	Power(W)
Model	(m/h)	(m)	(A)	(r/min)	Input/Output
SCP20-20Z	2	16	2.5	2800	700/400
SCP20-26Z	3	20	4.9	2800	1000/600
SCP20-35Z	2	32	5.8	2820	1300/850

Model	Voltag	je (V)		Material of pur	np housing		
	115	230	Cast Iron	Enamelled	Copper	Stainless steel	Package size(mm×m m× mm)
SCP20-20Z		•	•	0	•		358× 238× 298
SCP20-26Z		•	•	0	•		358× 238× 298
SCP20-35Z		•	•	0	•		358× 238× 298

Dimension Weight (Kg)														t (Kg)) (aluma
Model	H1	H2	H3	L1	L2	L3	L4	B1	B2	D1	G1	G2	N.W.	G.W.	(m)
SCP20-20Z	140	91	244	272	171	121	43	154	180	12	1"	3/4"	13.7	15.3	0.026
SCP20-26Z	140	91	244	272	171	121	43	154	180	12	1"	3/4"	14.7	16.3	0.026
SCP20-35Z	140	91	244	295	171	121	43	154	180	12	1"	3/4"	16.7	18.3	0.026

Structure







Swiss Pump Company AG Moosweg 36 CH - 3645 Thun - Gwatt Switzerland Tel. +41 33 223 11 00 Fax +41 33 223 11 22 mail@swisspump.com

www.swisspump.com