



SINCE 1976

修附電機



ISO 9001
BSMI

標檢局

ISO-9001/CNS 12681

CVQ/CVQ-K

不銹鋼耐蝕用

SQ

不銹鋼污水用

SSQ

不銹鋼污物用

KHQ

不銹鋼污水用

CVQ / CVQ-K

Stainless Volute Pump

SQ

Stainless Sump Pump

SSQ

Stainless Sewage Pump

KHQ

Stainless Sump Pump



1/2HP~15HP



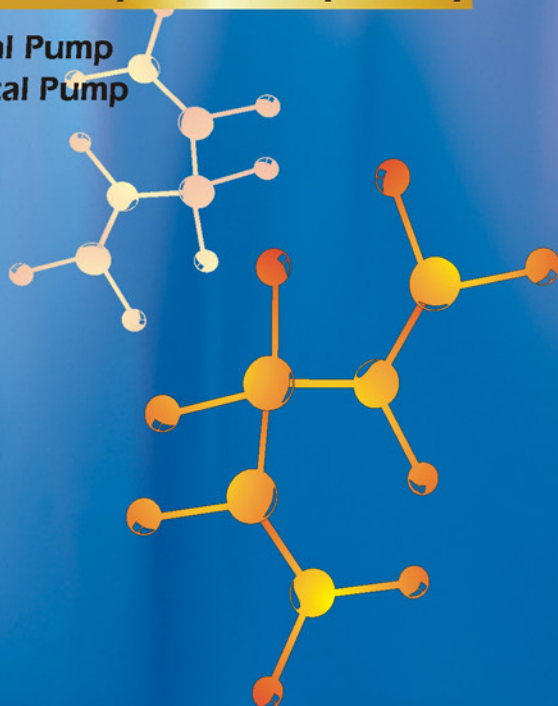
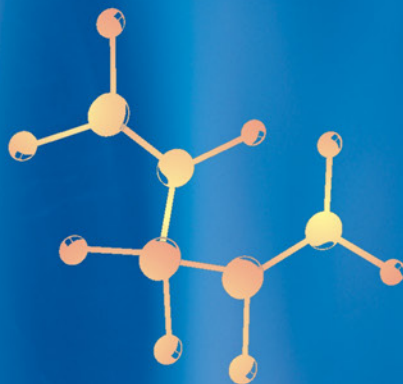
CVQ
SCS 13

CVQ-K
SCS 14

SHOWFOU CHEMICAL PUMP

不銹鋼耐蝕用 ~SCS 13(#304) • SCS 14(#316)

- Centrifugal Stainless Chemical Pump
- Submersible Stainless Chemical Pump



SQ 1/2HP~1HP
SCS 13(#304)



SSQ 1HP~5HP
SCS 13(#304)



KHQ 2HP~10HP
SCS 13(#304)

修附電機股份有限公司 SHOWFOU ELECTRIC MACHINE CO., LTD.

CAT. NO.: C0616-8

• 不 銹 鋼 — 耐 蝕 用 •

- CVO — Centrifugal stainless volute pump ~SCS 13 (#304)
- CVO-K — Centrifugal stainless volute pump ~SCS 14 (#316)

CVQ / CVQ-K

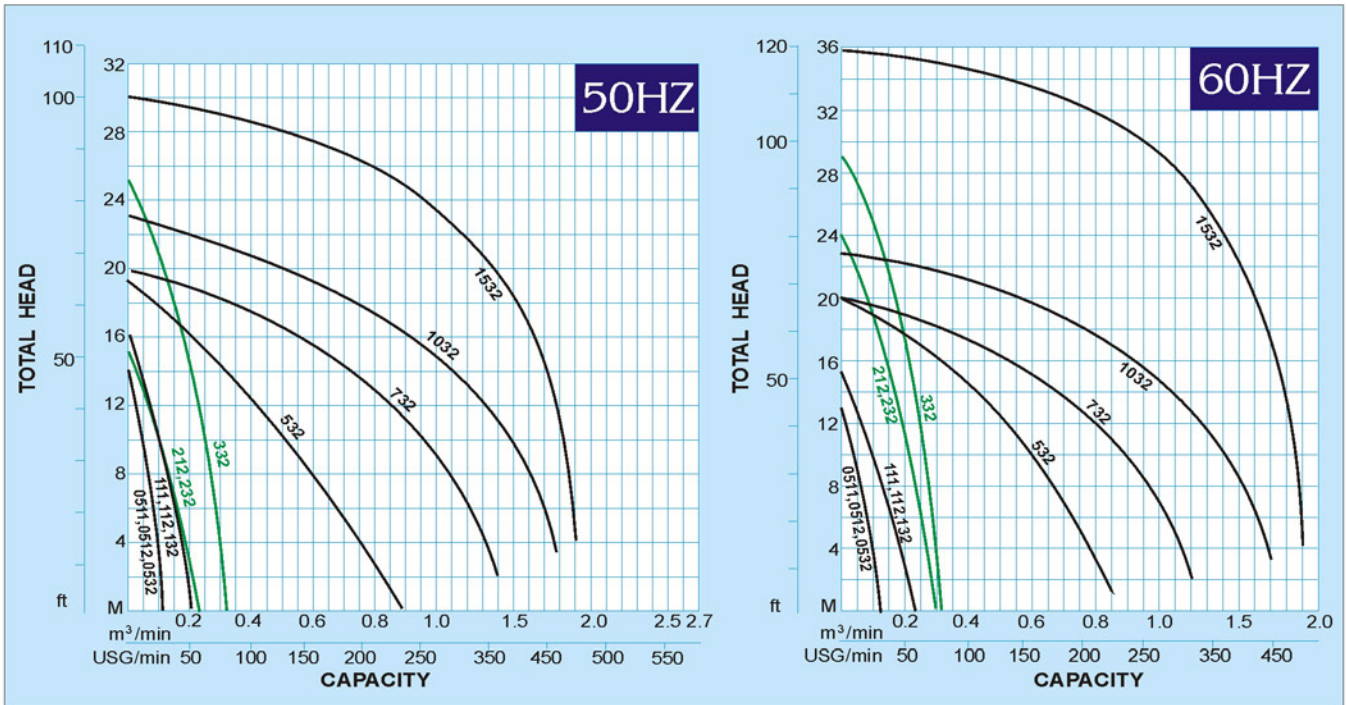
■ FEATURES:

- Extra long life design, since the pump body and all related parts are made of casting stainless SCS 13(#304) or SCS 14(#316), these will have the capability of anti-acid & alkali; and also suitable for using in sea water.
- Since impeller is adjusted with a dynamic balancing there are little vibration and noise and an extraordinary durability is ensured.

■ APPLICATIONS:

- The pumps are applicable in the following industries: Chemistry, heavy-chemistry, medicines, photograph, dyeing, bleaching, food, fishery, drinks, brewing, oil and fat, fiber, oil refining, cosmetic, metal treatment and electro-plating.
- For a member of plant for preventing pollution, sewage and drainage treatment, washing plant, dust collecting plant and clean air plant.

■ PERFORMANCE CURVE :

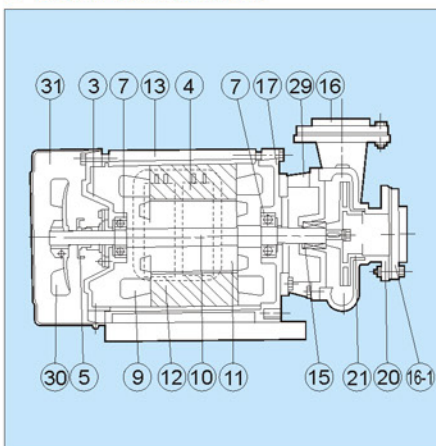


■ SPECIFICATIONS:

型 式 TYPE		電 動 機 MOTOR				Disch. Dia.		50HZ		60HZ		通過 粒徑 Solid passage	重 量 Weight	尺 寸 SIZE				
		Power	Phase	Volt				Max. Head	Max. Flow	Max. Head	Max. Flow			A	B	C	D	E
SCS 13	SCS 14	HP	KW	PH	V	Inch	mm	M	M³/MIN	M	M³/MIN	mm	KG	mm	mm	mm	mm	mm
CVQ-0512	CVQ-0512K	1/2	0.4	1	110/220	1"	25	14	0.11	13	0.11	13.5	20	260	75	100	220	355
CVQ-0532	CVQ-0532K			3	220-440													
CVQ-112	CVQ-112K	1	0.75	1	110/220	1 1/2"	40	15	0.22	15	0.21	10	22	290	75	115	250	390
CVQ-132	CVQ-132K			3	220-440									285	75	115	250	390
CVQ-212	CVQ-212K	2	1.5	1	110/220	2"	50	20	0.30	24	0.30	8	31	325	90	125	290	445
CVQ-232	CVQ-232K			3	220-440									310	90	125	290	425
CVQ-332	CVQ-332K	3	2.2	3	220-440	2"	50	25	0.32	30	0.32	8	40	310	90	125	290	445
CVQ-532	CVQ-532K	5	3.7	3	220-440	3"	80	19	0.85	20	0.85	15	59	350	100	135	305	506
CVQ-732	CVQ-732K	7 1/2	5.5	3	220-440	4"	100	20	1.45	20	1.20	18	73	405	125	145	345	540
CVQ-1032	CVQ-1032K	10	7.5	3	220-440	4"	100	23	1.80	23	1.70	24	88	410	125	165	370	585
CVQ-1532	CVQ-1532K	15	11	3	220-440	4"	100	30	1.90	36	1.90	20	118	430	125	165	370	585

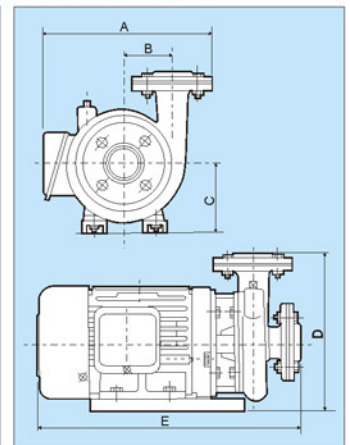
• PUMP CONSTRUCTION IS MADE OF CASTING STAINLESS.

■ CONSTRUCTIONS:



ITEM NO.	PARTS LIST	MATERIAL
3	Motor Head Cover	Cast Iron
4	Condenser	1Ø only
5	Centrifugal Switch	1Ø only
7	Upper Ball Bearing	
9	Coil	
10	Shaft	Stainless Steel
11	Rotor	Steel Plate
12	Stator	Steel Plate
13	Motor Casing	Cast Iron
15	Mechanical Seal	Silicon Carbide + Viton
16	Flange Setter	Stainless Steel Casting
17	Motor Lower Cover	Cast Iron
20	Pump Casing	Stainless Steel Casting
21	Impeller	Stainless Steel Casting
29	Pump Bracket	Stainless Steel Casting
30	Cooling Fan	Plastic
31	Fan Cover	Steel

■ DIMENSIONS:



- **SQ.KHQ** -Submersible stainless sump pump~SCS 13 (#304)
- **SSQ** -Submersible stainless sewage pump~SCS 13 (#304)

SQ/SSQ/KHQ

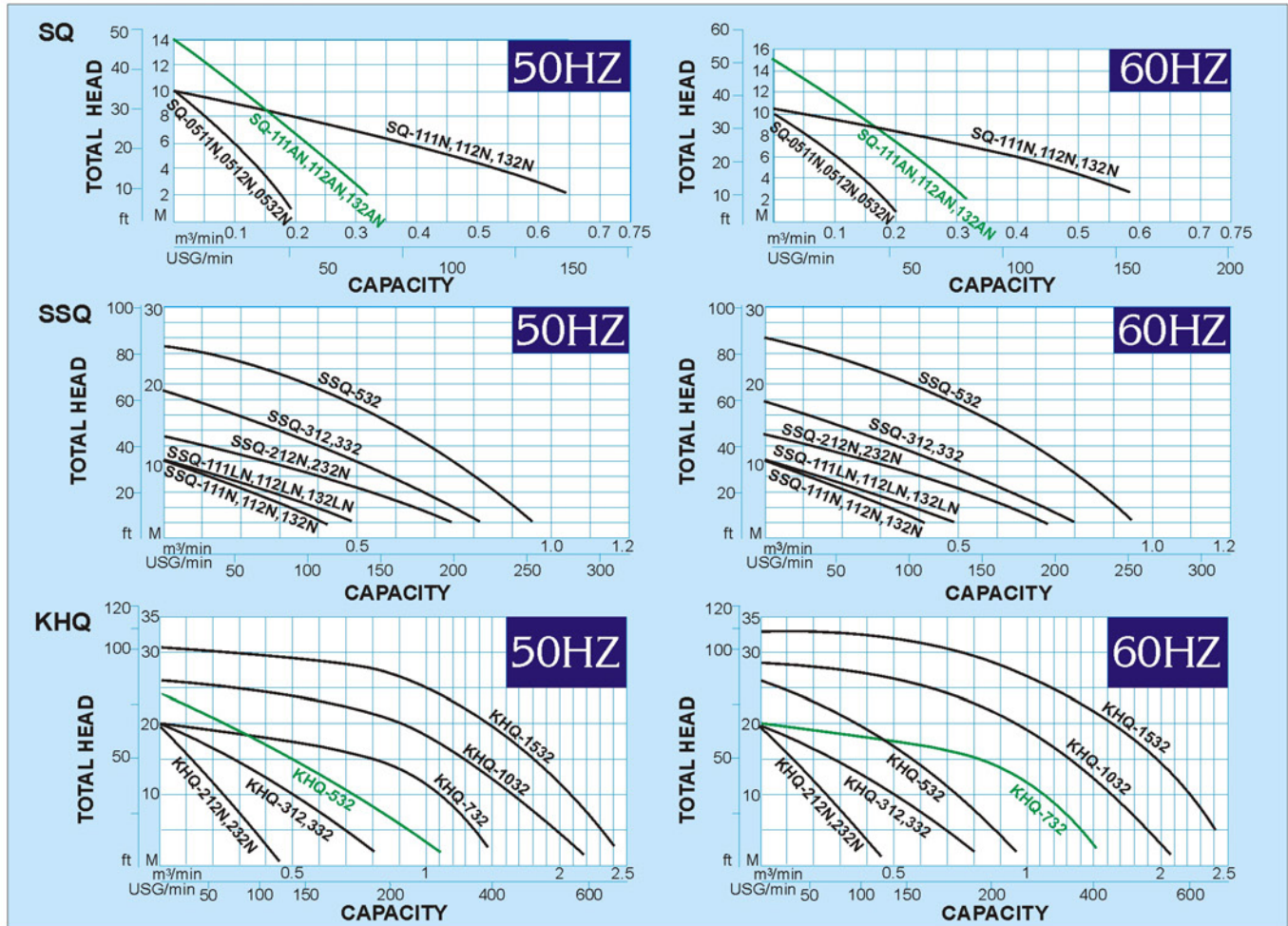
■ FEATURES:

- Extra long life design, since the pump body and all related parts are made of casting stainless SCS 13(#304), these will have the capability of anti-acid & alkali; and also suitable for using in sea water.
- Equipped with double mechanical seals, together with anti-corrosion viton so as to make up these special assemblies.
- Impeller was balancing processed, this vibration free advantage brings the pump and motor superior servicing life.

■ PERFORMANCE CURVE :

■ APPLICATIONS:

- The pumps are applicable in the following industries: Chemistry, heavy-chemistry, medicines, photograph, dyeing, bleaching, food, fishery, drinks, brewing, oil and fat, oil refining, cosmetic, fiber, metal treatment and electro-plating.
- For a member of plant for preventing pollution, sewage and drainage treatment, washing plant, dust collecting plant and clean air plant.



■ SPECIFICATIONS:

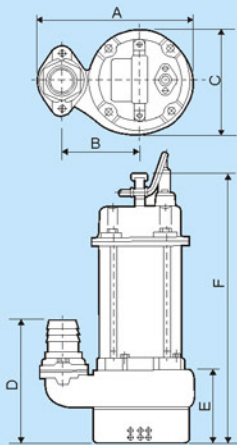
■ DIMENSIONS:

型 式 TYPE	電 動 機 MOTOR				Disch. Dia.		50HZ		60HZ		電 纜 Cable	重 量 Weight	尺 寸 SIZE					
	Power		Phase	Volt			Max. Head	Max. Flow	Max. Head	Max. Flow			A	B	C	D	E	F
	HP	KW	PH	V	Inch	mm	M	M ³ /MIN	M	M ³ /MIN			mm×M	KG	mm	mm	mm	mm
SQ-0511N	1/2	0.4	1	110	2"	50	10	0.20	10	0.20	1.25 ² x6	11	230	120	160	165	80	415
SQ-0512N				220														
SQ-0532N			3	220-440														
SQ-111AN	1	0.75	1	110	2"	50	14	0.32	15	0.32	2 ² x6	21	265	130	190	180	85	460
SQ-112AN				220														
SQ-132AN			3	220-440														
SQ-111N			1	110	3"	80	10	0.65	10	0.65	2 ² x6	24	300	150	190	240	125	505
SQ-112N				220														
SQ-132N			3	220-440														
SSQ-111N	1	0.75	1	110	2"	50	10	0.43	10	0.43	2 ² x6	22	290	135	225	205	115	495
SSQ-112N				220														
SSQ-132N			3	220-440	3"	80	10	0.48	10	0.48	2 ² x6	24	320	150	225	235	118	500
SSQ-111LN			1	110														
SSQ-112LN				220														
SSQ-132LN			3	220-440														
SSQ-212N	2	1.5	1	220	3"	80	13	0.75	13	0.73	3.5 ² x10	36	355	165	265	260	140	550
SSQ-232N			3	220-440														
SSQ-312	3	2.2	1	220	4"	100	19	0.82	18	0.80	3.5 ² x10	53	410	192	265	290	140	580
SSQ-332			3	220-440														
SSQ-532	5	3.7	3	220-440	4"	100	25	0.95	26	0.95	3.5 ² x10	49	410	192	265	290	140	500
KHQ-212N	2	1.5	1	220	2"	50	20	0.45	20	0.45	3.5 ² x10	46	228	80	560			
KHQ-232N			3	220-440														
KHQ-312	3	2.2	1	220	3"	80	20	0.8	20	0.80	3.5 ² x10	49	228	80	670			
KHQ-332			3	220-440														
KHQ-532	5	3.7	3	220-440	4"	100	24	1.1	26	0.95	3.5 ² x10	49	232	100	605			
KHQ-732	7 1/2	5.5	3	220-440	4"	100	20	1.45	20	1.0	5.5 ² x10	70	272	125	720			
KHQ-1032	10	7.5	3	220-440	6"	150	26	2.2	28	2.1	5.5 ² x10	78	272	125	665			
KHQ-1532	15	11	3	220-440	6"	150	30	2.4	32	2.4	8 ² x10	115	335	200	785			

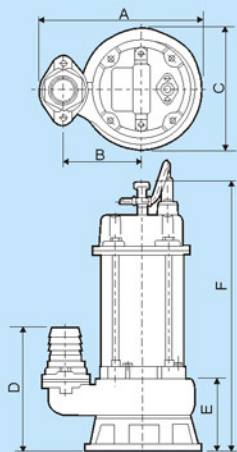
● PUMP CONSTRUCTION IS MADE OF CASTING STAINLESS.

DIMENSIONS:

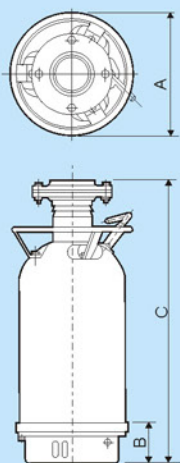
SQ



SSQ

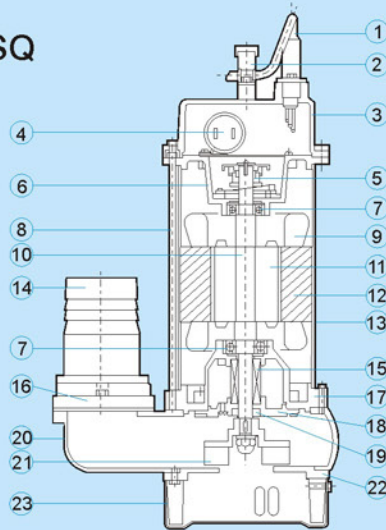


KHQ



CONSTRUCTIONS:

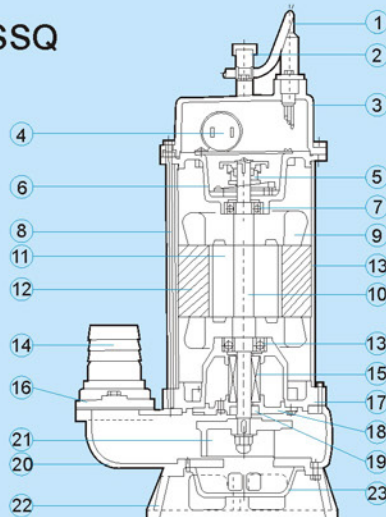
SQ



ITEM NO.	PARTS LIST	MATERIAL
1	Cable	V. C. T.
2	Handle	Stainless Steel (#304)
3	Motor Head Cover	Stainless Steel Casting
4	Condenser	1" only
5	Centrifugal Switch	1" only
6	Upper Bracket	Stainless Steel Casting
7	Upper Ball Bearing	
8	Bolt	Stainless Steel
9	Coil	
10	Shaft	Stainless Steel
11	Rotor	Steel Plate
12	Stator	Steel Plate
13	Motor Casing	Stainless Steel (#304)
14	Hose Coupling	Plastic
15	Mechanical Seal	Silicon Carbide + Viton
16	Flange Setter	Stainless Steel Casting
17	Motor Lower Cover	Stainless Steel Casting
18	Mechanical Seal Cover	Stainless Steel Casting
19	Oil Seal	Viton
20	Pump Casing	Stainless Steel Casting
21	Impeller	Stainless Steel Casting
22	Suction Cover	Stainless Steel Casting
23	Strainer	Stainless Steel

P S: Stainless Steel Casting : SCS 13 (#304)

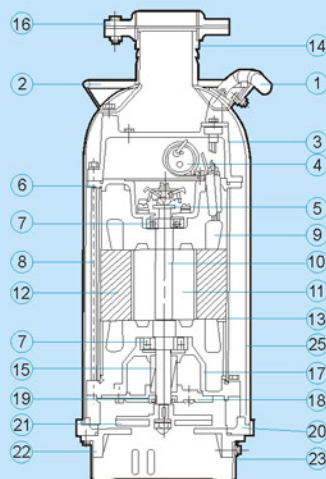
SSQ



ITEM NO.	PARTS LIST	MATERIAL
1	Cable	V. C. T.
2	Handle	Stainless Steel (#304)
3	Motor Head Cover	Stainless Steel Casting
4	Condenser	1" only
5	Centrifugal Switch	1" only
6	Upper Bracket	Stainless Steel Casting
7	Upper Ball Bearing	
8	Bolt	Stainless Steel
9	Coil	
10	Shaft	Stainless Steel
11	Rotor	Steel Plate
12	Stator	Steel Plate
13	Motor Casing	Stainless Steel (#304)
14	Hose Coupling	2" -Plastic 3" 4"-Stainless Steel Casting
15	Mechanical Seal	Silicon Carbide + Viton
16	Flange Setter	Stainless Steel Casting
17	Motor Lower Cover	Stainless Steel Casting
18	Mechanical Seal Cover	Stainless Steel Casting
19	Oil Seal	Viton
20	Pump Casing	Stainless Steel Casting
21	Impeller	Stainless Steel Casting
22	Suction Cover	Stainless Steel Casting
23	Strainer	Plastic

P S: Stainless Steel Casting : SCS 13 (#304)

KHQ



ITEM NO.	PARTS LIST	MATERIAL
1	Cable	V. C. T.
2	Handle	Stainless Steel (#304)
3	Motor Head Cover	Stainless Steel Casting
4	Condenser	1" only
5	Centrifugal Switch	1" only
6	Upper Bracket	Stainless Steel Casting
7	Upper Ball Bearing	
8	Bolt	Stainless Steel
9	Coil	
10	Shaft	Stainless Steel
11	Rotor	Steel Plate
12	Stator	Steel Plate
13	Motor Casing	Stainless Steel (#304)
14	Hose Coupling	Stainless Steel Casting
15	Mechanical Seal	Silicon Carbide + Viton
16	Flange Setter	Stainless Steel Casting
17	Motor Lower Cover	Stainless Steel Casting
18	Mechanical Seal Cover	Stainless Steel Casting
19	Oil Seal	Viton
20	Pump Casing	Stainless Steel Casting
21	Impeller	Stainless Steel Casting
22	Suction Cover	Stainless Steel Casting
23	Strainer	Stainless Steel (#304)
25	Outer Cover	Stainless Steel (#304)

P S: Stainless Steel Casting : SCS 13 (#304)