

DESHB

SUBMERSIBLE PUMP

**SPA SERIES
SPS SERIES
SPSN SERIES
V SERIES
VN SERIES
VD SERIES
DKTZ SERIES
DKRS SERIES**



HANGZHOU DESHB PUMPS CO.,LTD.

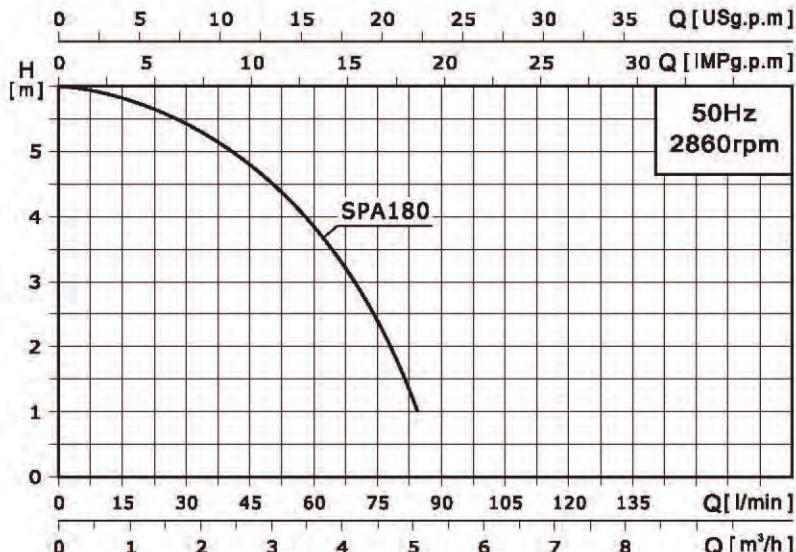
www.dsbpump.com

DESH

**HIGH-QUALITY PUMP
MANUFACTURERS AND SUPPLIERS**

SPA180F	03	SPS400F	25
SPA250F	04	SPS700F	25
SPA370F	05	SPS900F	26
SPA400F	06	SPS1100F	27
SPA450F	07	SPS1500F	28
SPA550F	08	V180F	29
SPA750F	09	V250F	30
SPA1100F	10	V250AF	31
SPA3-18-0.55F	11	VP250F	32
SPA5-15-0.55F	12	VP370F	33
SPA4-15/2-0.6F	13	V450F	34
SPA3-24-0.75F	14	V550AF	35
SPA6-18-0.75F	14	V750F	36
SPA37-4-0.75F	15	V1100F	37
SPA6-28/2-1.1F	16	V1500F	38
SPA10-18-1.1F	17	V2200F	39
SPA6-32-1.5F	18	VN250	40
SPA-1.5-Y1F	19	VN750	41
SPA-2-Y1.5F	19	VN1500	42
SPA-3-Y2.2F	20	V1100DF	43
SPA6-28/2-1.1AF	21	V1300DF	44
SPA6-39/3-1.5AF	22	V1800DF	45
SPSN250	23	DKTZ	46
SPSN700	24	DKRS	48

ISO9001:2000 CE CCC

SPA180F**OPERATION LIMITS:**

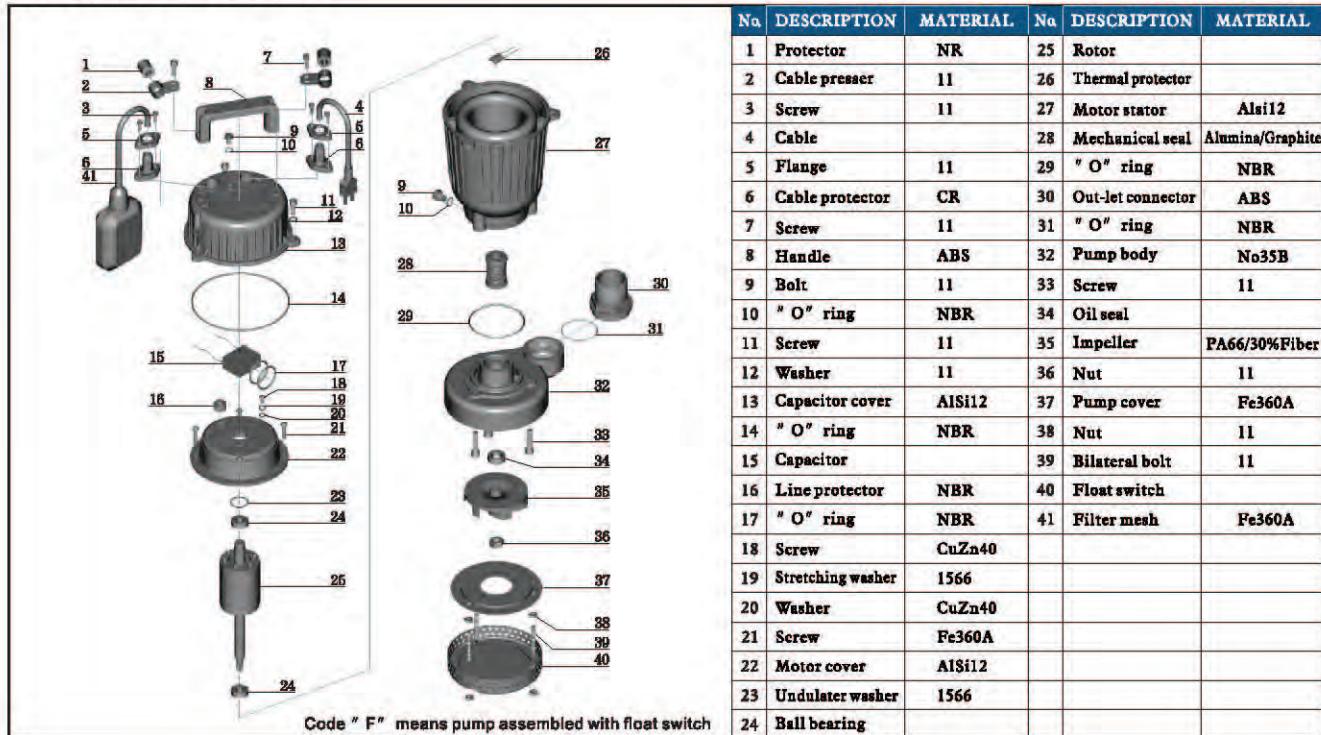
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

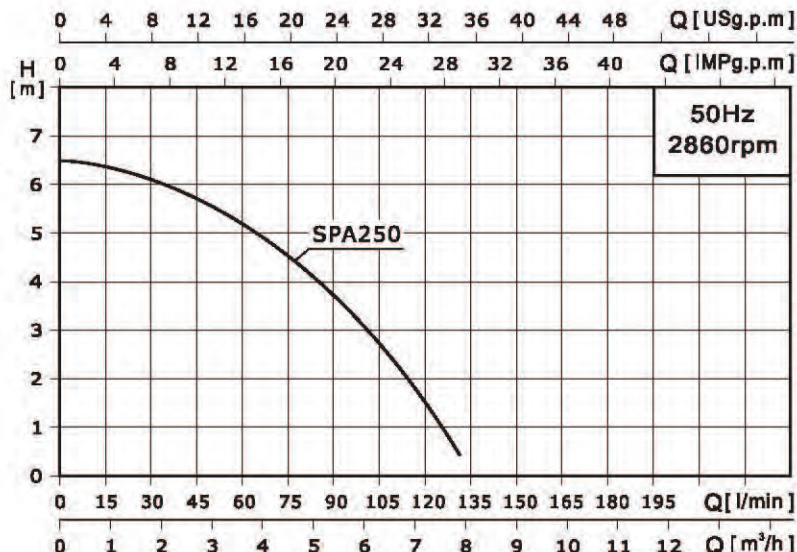
FEATURES AND APPLICATION:

The single phase portable submersible pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. Pump is equipped with automatic resetting thermal overload to protect motor against overload and preset length float switch fitted for unattended operation.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA180	0.18	25	220 / 50	80	6	6.5	205x185x340

FRAME DIAGRAM:

SPA250F**OPERATION LIMITS:**

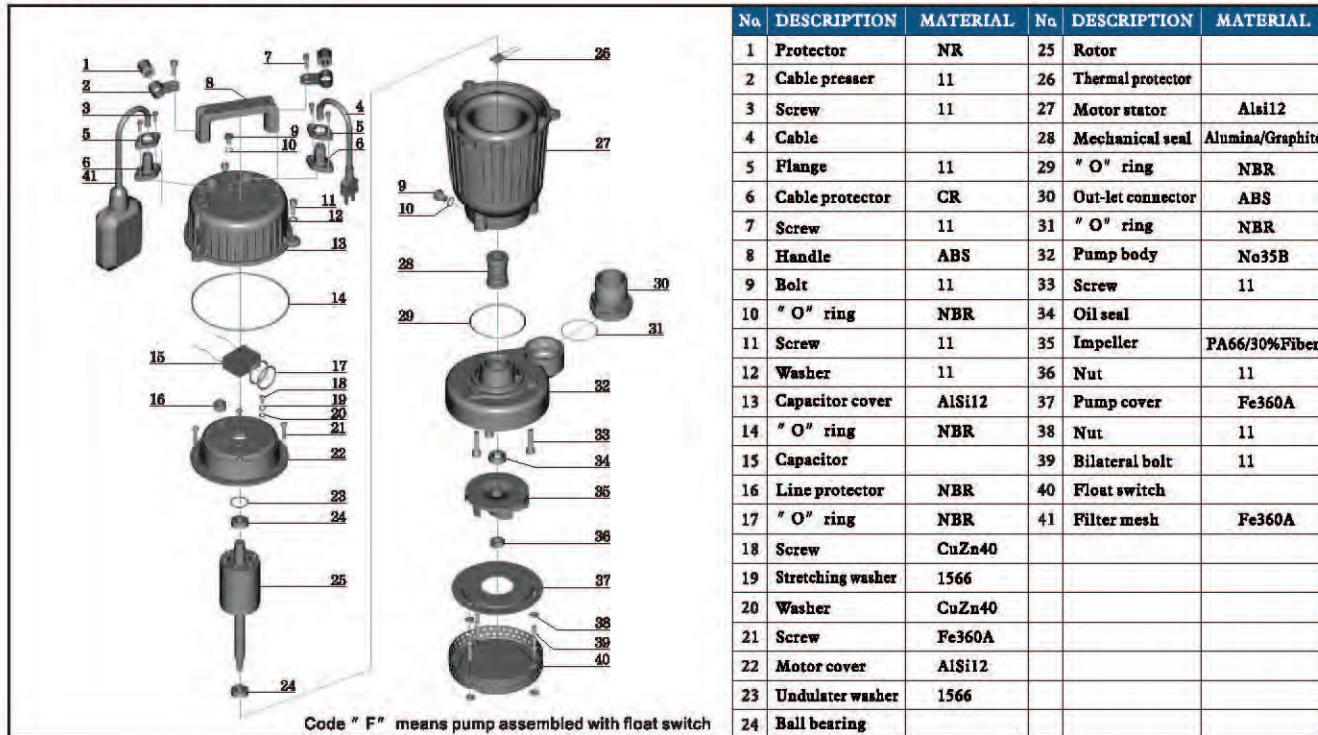
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

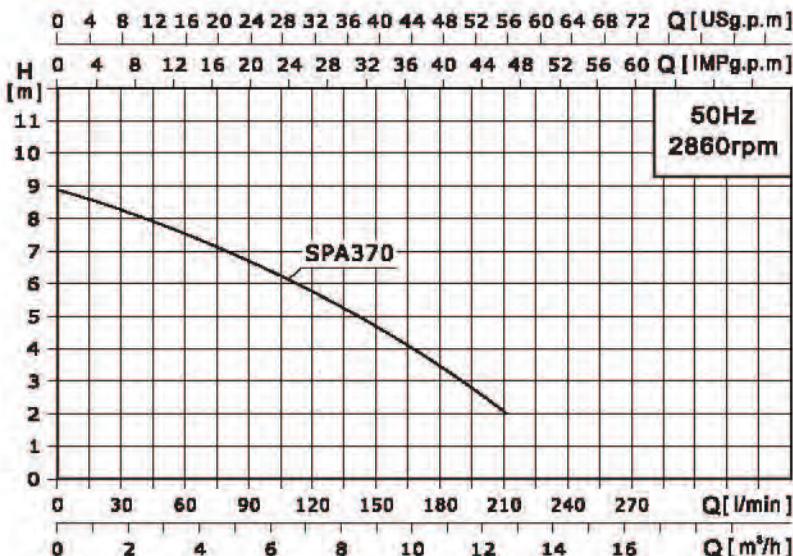
FEATURES AND APPLICATION:

The single phase portable submersible pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. Pump is equipped with automatic resetting thermal overload to protect motor against overload and preset length float switch fitted for unattended operation.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA250	0.25	25/32/40	220 / 50	130	6.5	7.5	205×185×325

FRAME DIAGRAM:

SPA370F**OPERATION LIMITS:**

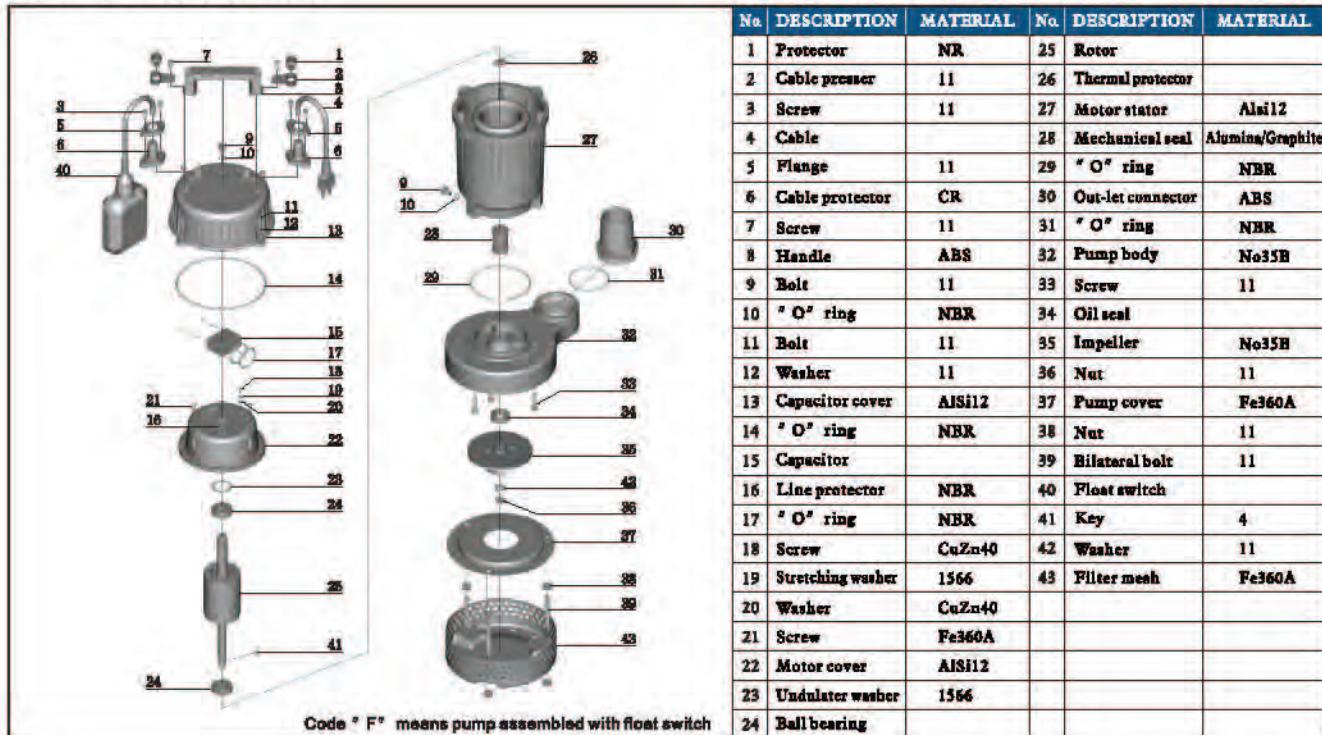
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

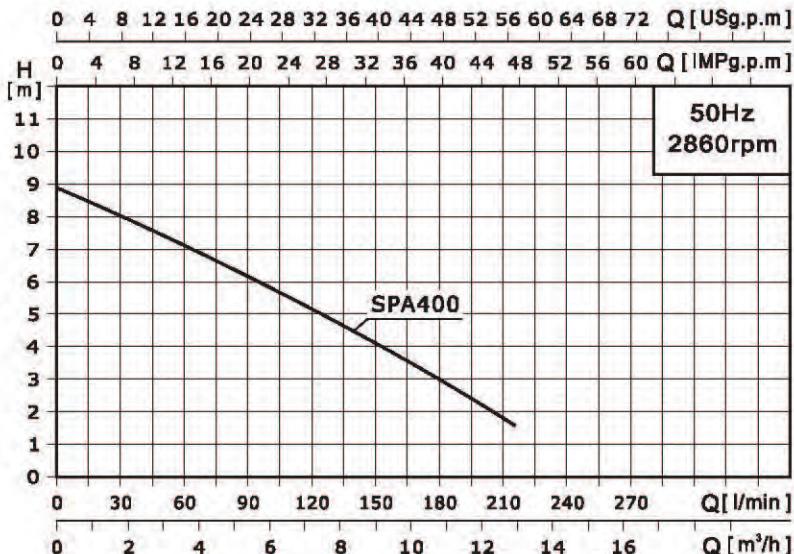
FEATURES AND APPLICATION:

The single phase portable submersible pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. Pump is equipped with automatic resetting thermal overload to protect motor against overload and preset length float switch fitted for unattended operation.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA370	0.37	40	220 / 50	216	9	12.5	250x220x415

FRAME DIAGRAM:

SPA400F**OPERATION LIMITS:**

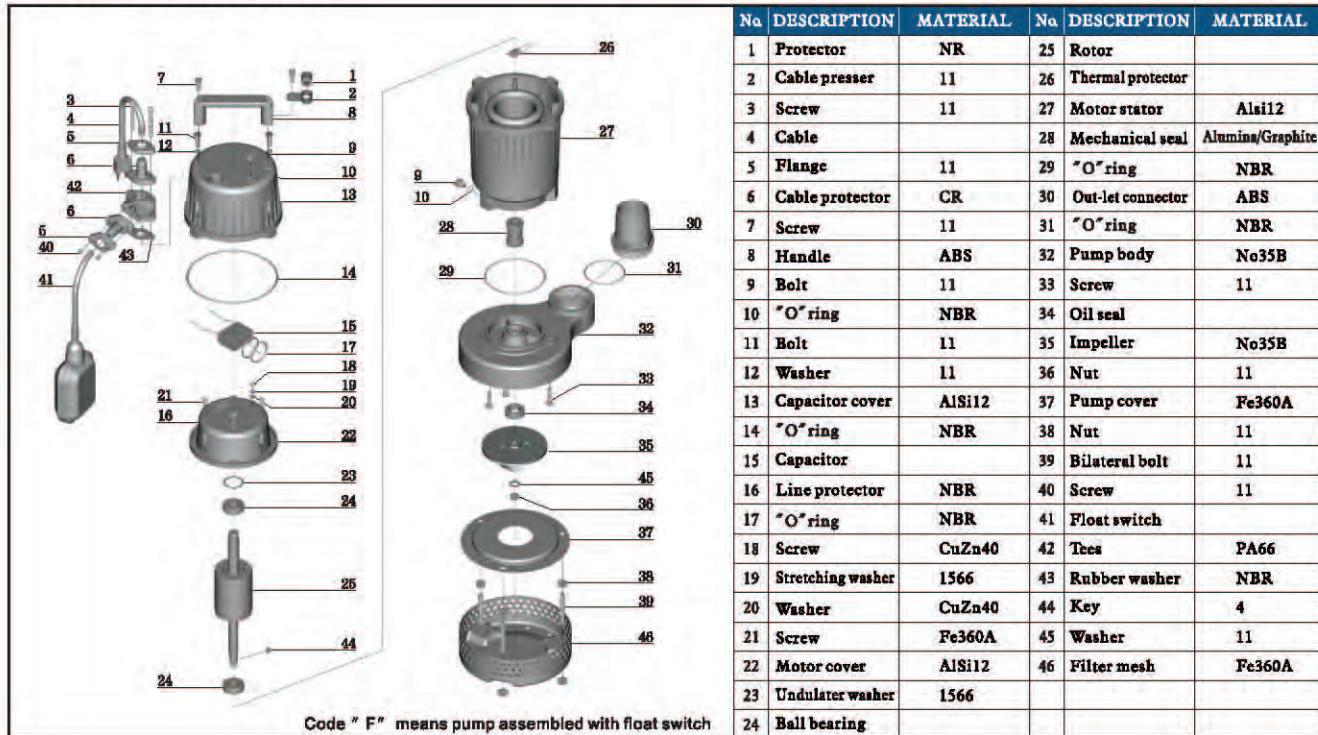
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

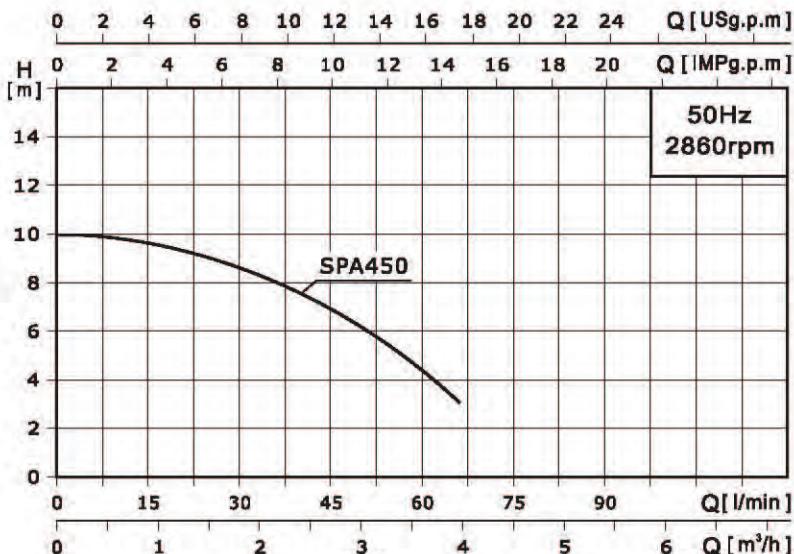
FEATURES AND APPLICATION:

The single phase portable submersible pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. Pump is equipped with automatic resetting thermal overload to protect motor against overload and preset length float switch fitted for unattended operation.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA400	0.40	50	220 / 50	216	9	13.5	250x220x435

FRAME DIAGRAM:

SPA450F**OPERATION LIMITS:**

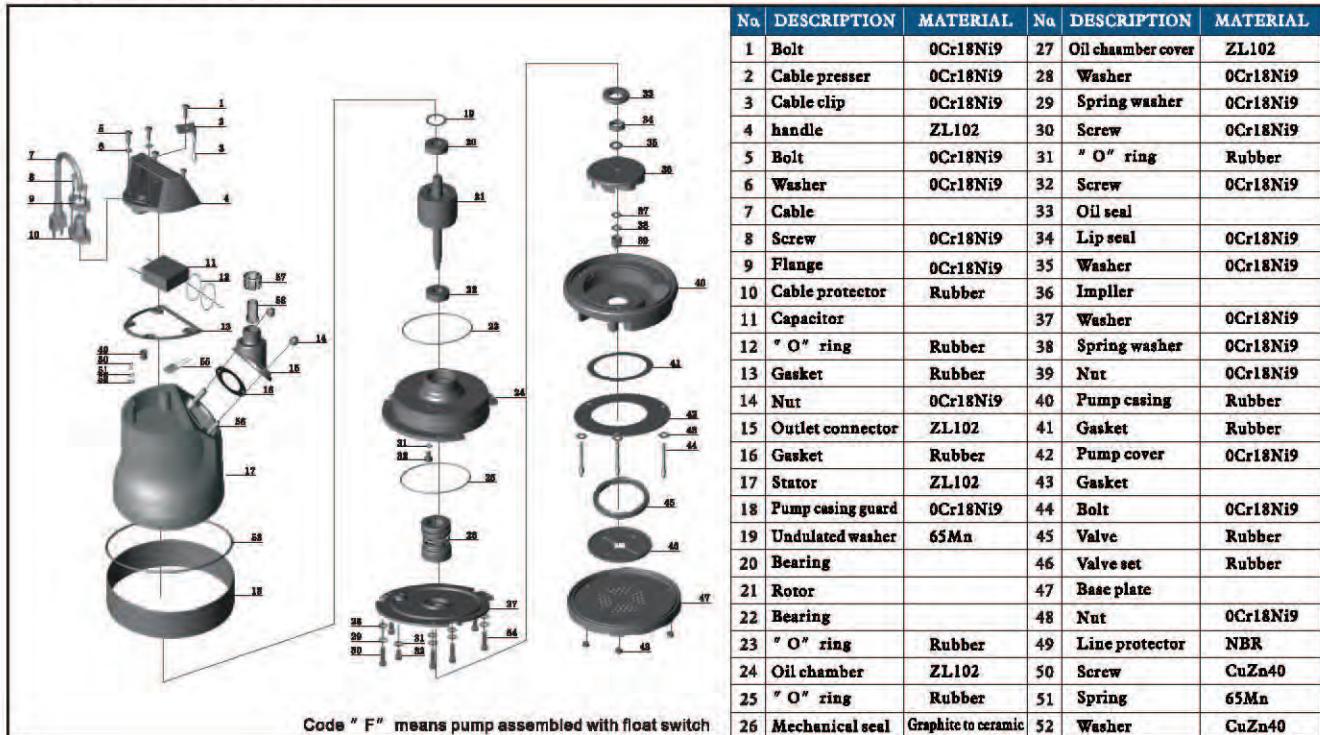
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

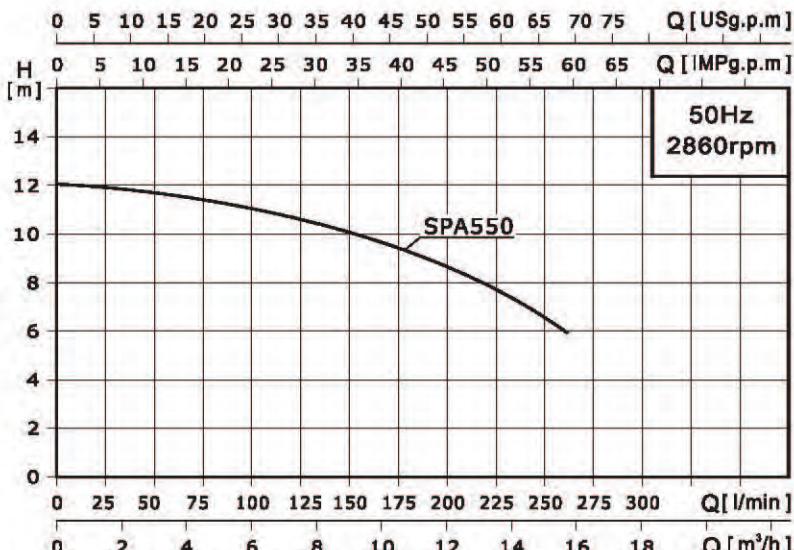
FEATURES AND APPLICATION:

The single phase portable submersible pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. Pump is equipped with automatic resetting thermal overload to protect motor against overload and preset length float switch fitted for unattended operation.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA450	0.45	25	220 / 50	65	10	11.5	230 x 230 x 350

FRAME DIAGRAM:

SPA550F**OPERATION LIMITS:**

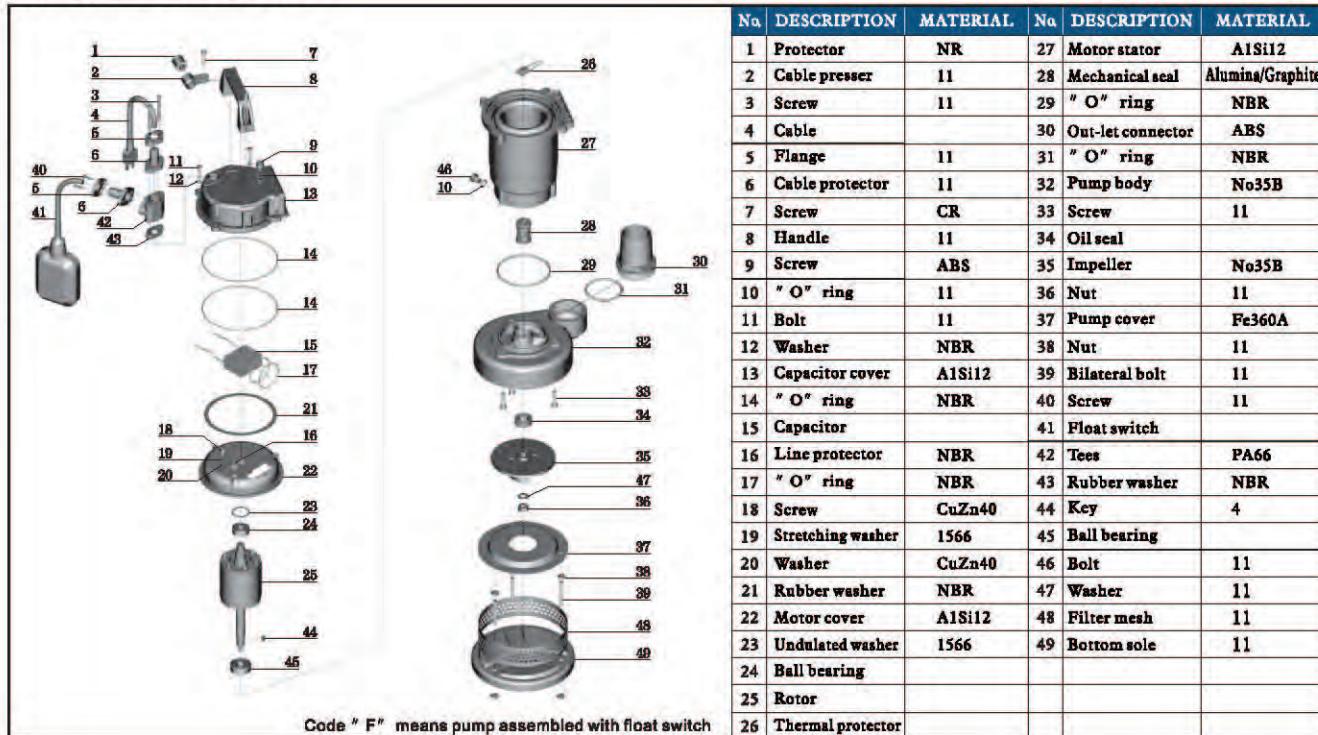
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

FEATURES AND APPLICATION:

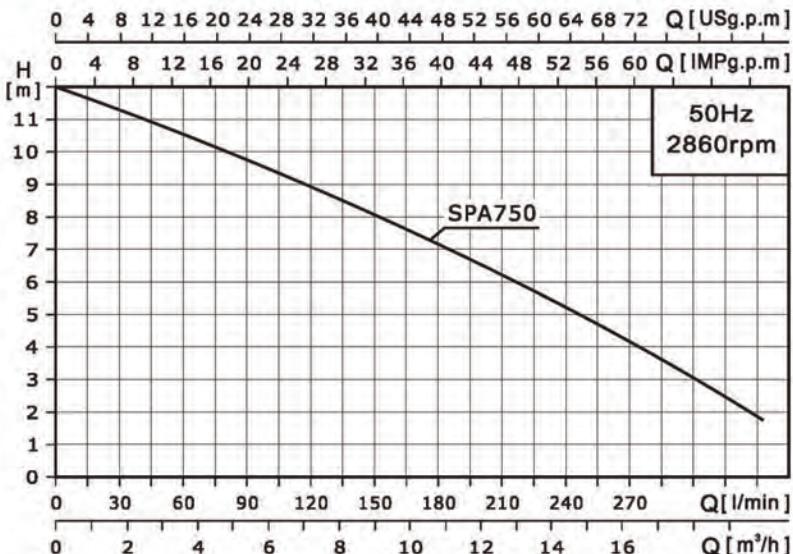
The single phase portable submersible pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. Pump is equipped with automatic resetting thermal overload to protect motor against overload and preset length float switch fitted for unattended operation.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA550	0.55	40/50	220 / 50	260	12	13.5	245 x 220 x 400

FRAME DIAGRAM:

SPA750F



OPERATION LIMITS:

1. Maximum submergence: 5 meter
 2. Maximum operating temp: 40°C
 3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

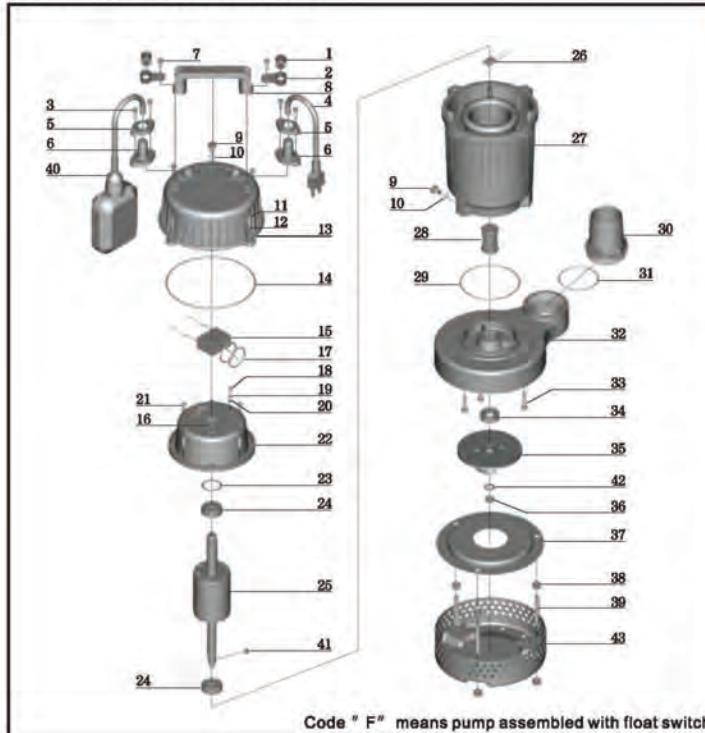
TECHNICAL DATA

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA750	0.75	50	220 / 50	333	12	15.0	270 x 235 x 415

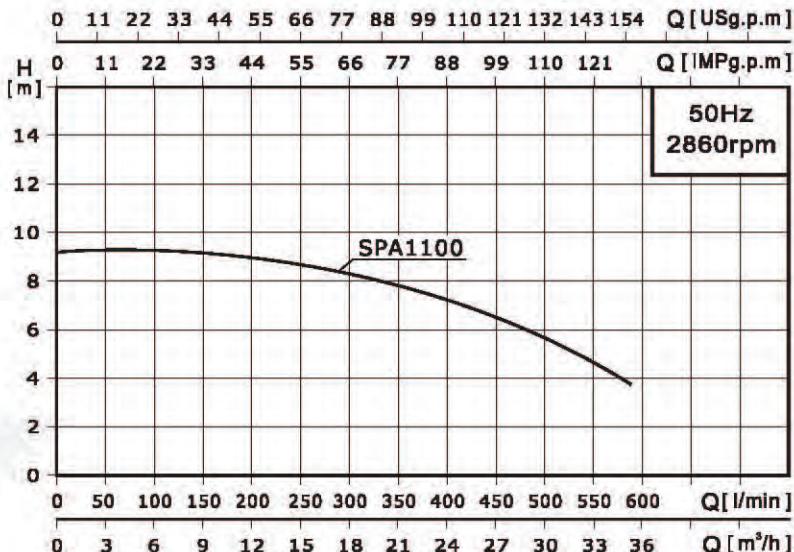
FEATURES AND APPLICATION:

The single phase portable submersible pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. Pump is equipped with automatic resetting thermal overload to protect motor against overload and preset length float switch fitted for unattended operation. (3 phase option available)

FRAME DIAGRAM:



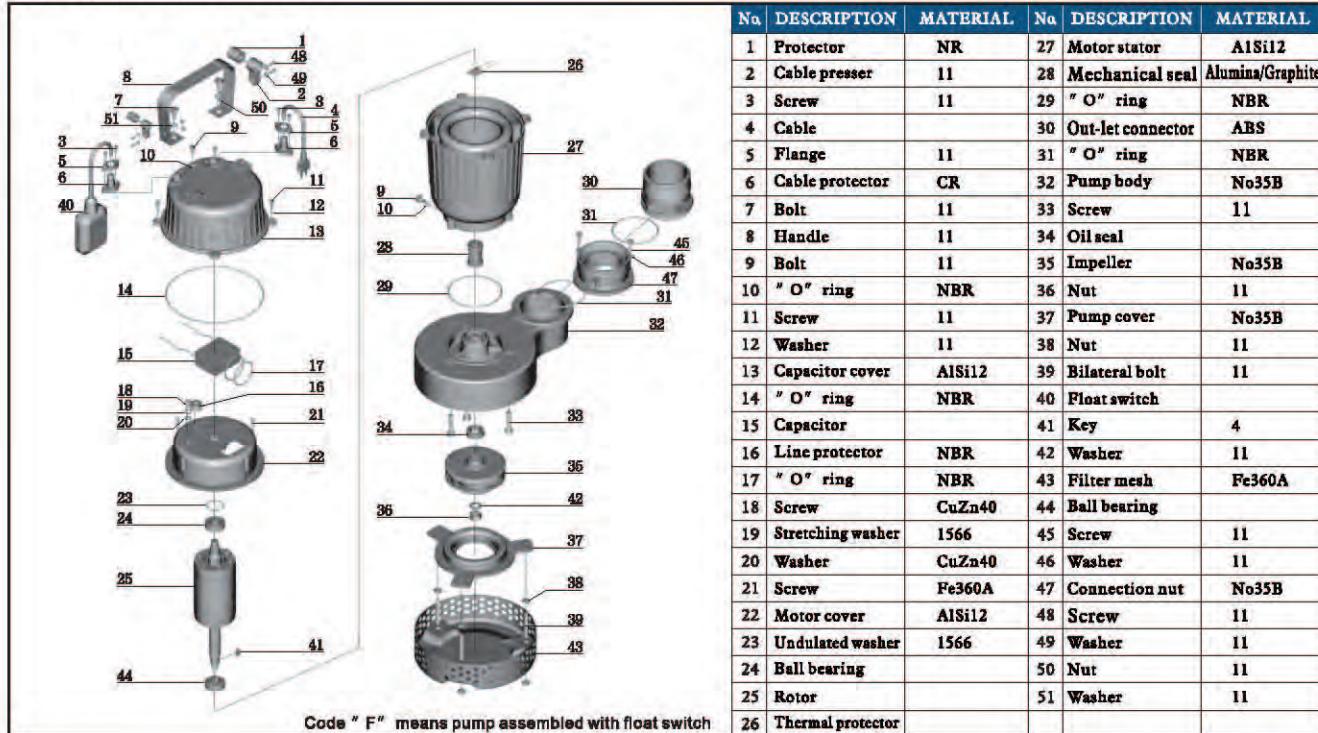
No	Description	Material	No	Description	Material
1	Protector	NR	25	Rotor	
2	Cable presser	11	26	Thermal protector	
3	Screw	11	27	Motor stator	AlSi12
4	Cable		28	Mechanical seal	Alumina/Graphite
5	Flange	11	29	" O" ring	NBR
6	Cable protector	CR	30	Out-let connector	ABS
7	Screw	11	31	" O" ring	NBR
8	Handle	ABS	32	Pump body	No35B
9	Bolt	11	33	Screw	11
10	" O" ring	NBR	34	Oil seal	
11	Bolt	11	35	Impeller	No35B
12	Washer	11	36	Nut	11
13	Capacitor cover	AlSi12	37	Pump cover	Fe360A
14	" O" ring	NBR	38	Nut	11
15	Capacitor		39	Bilateral bolt	11
16	Line protector	NBR	40	Float switch	
17	" O" ring	NBR	41	Key	4
18	Screw	CuZn40	42	Washer	11
19	Stretching washer	1566	43	Filter mesh	Fe360A
20	Washer	CuZn40			
21	Screw	Fe360A			
22	Motor cover	AlSi12			
23	Undulator washer	1566			
24	Ball bearing				

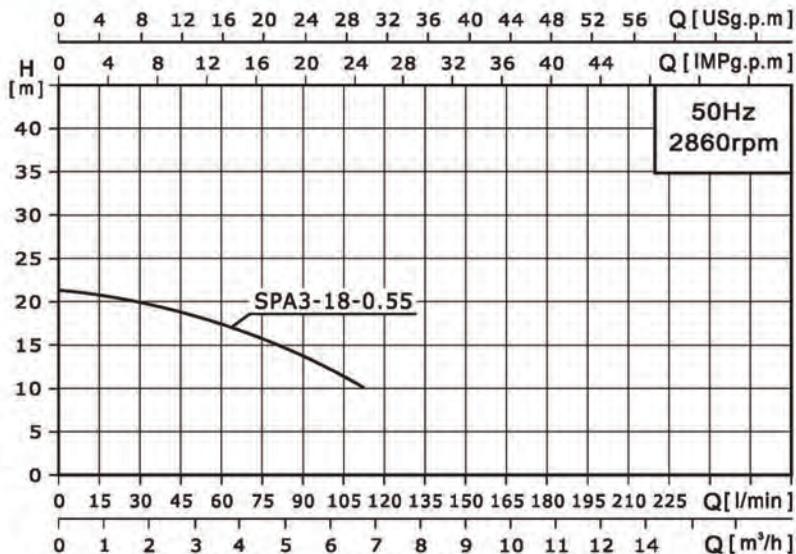
SPA1100F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA1100	1.1	75	220 / 50	580	9	21	325 x 225 x 485

FRAME DIAGRAM:

SPA3-18-0.55F**OPERATION LIMITS:**

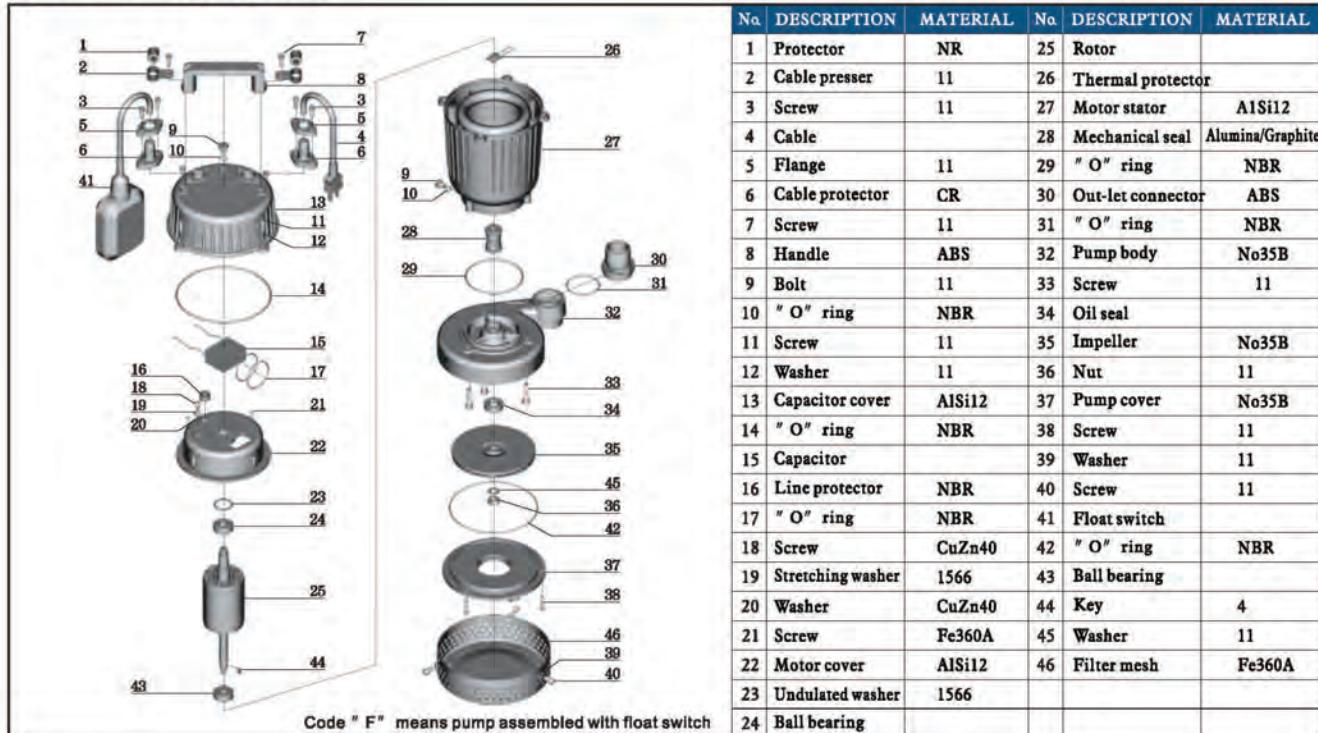
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

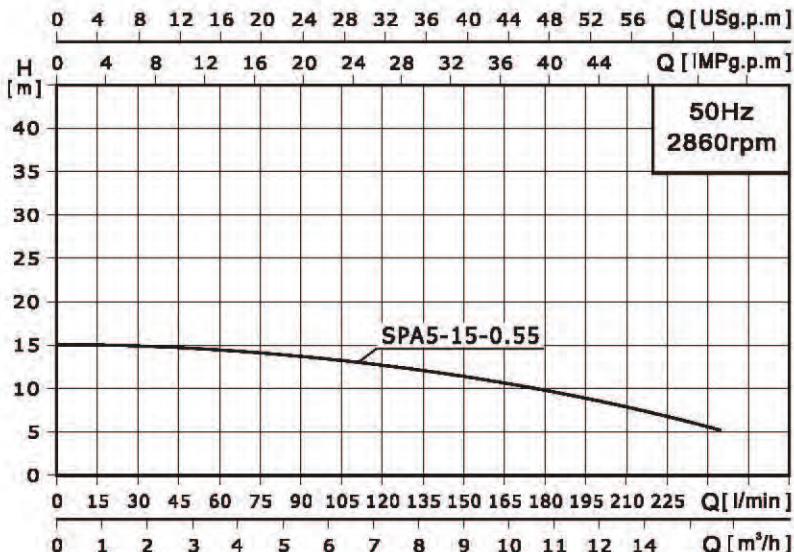
TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPA3-18-0.55	0.55	25/32/40	220 / 50	108	21	12.3	250 x 220 x 425

FEATURES AND APPLICATION:

The single phase portable submersible pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. Pump is equipped with automatic resetting thermal overload to protect motor against overload and preset length float switch fitted for unattended operation. (3 phase option available)

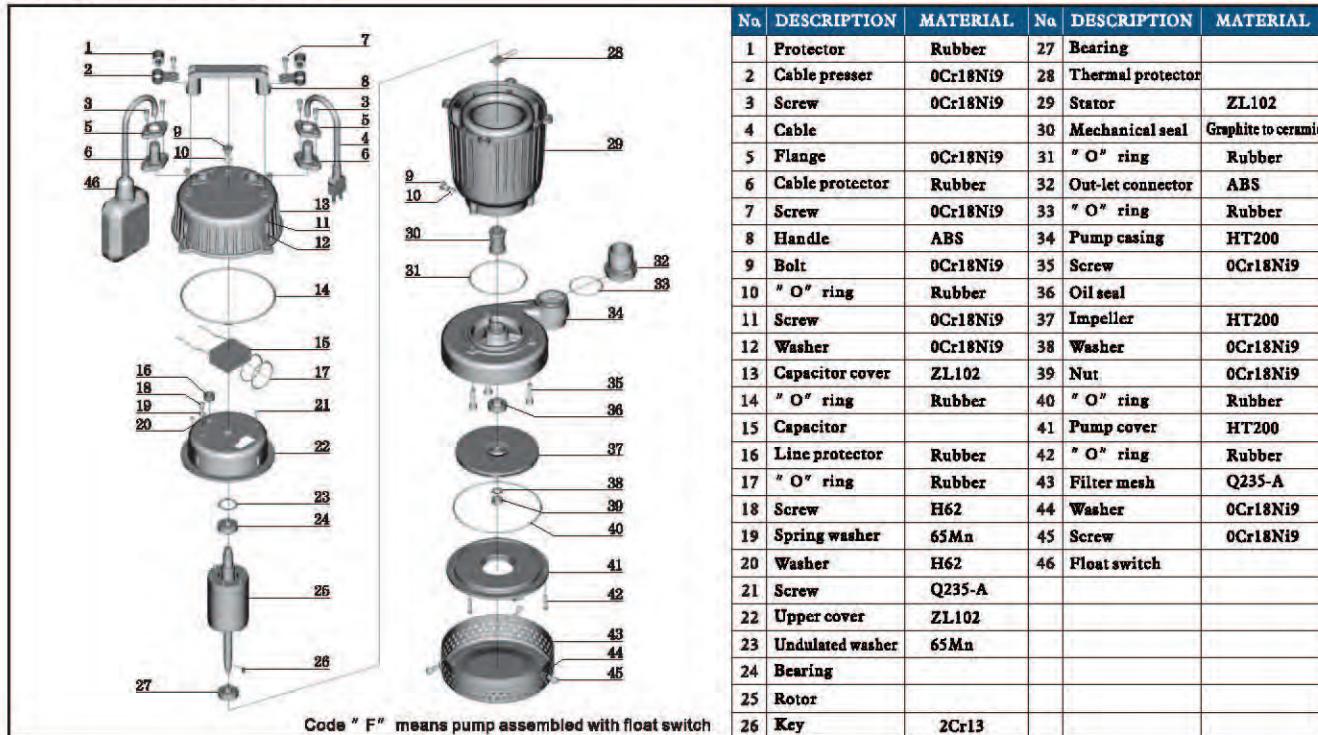
FRAME DIAGRAM:

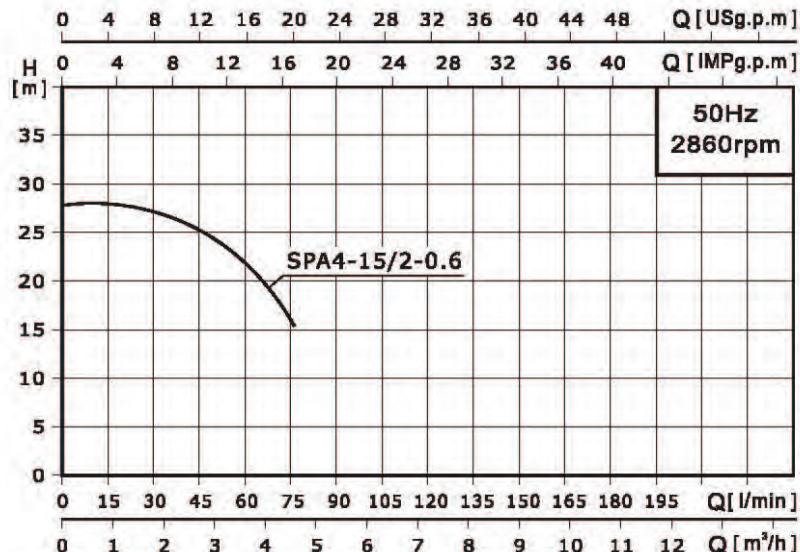
SPA5-15-0.55F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPA5-15-0.55	0.55	50	220 / 50	250	15	13.0	270 x 235 x 420

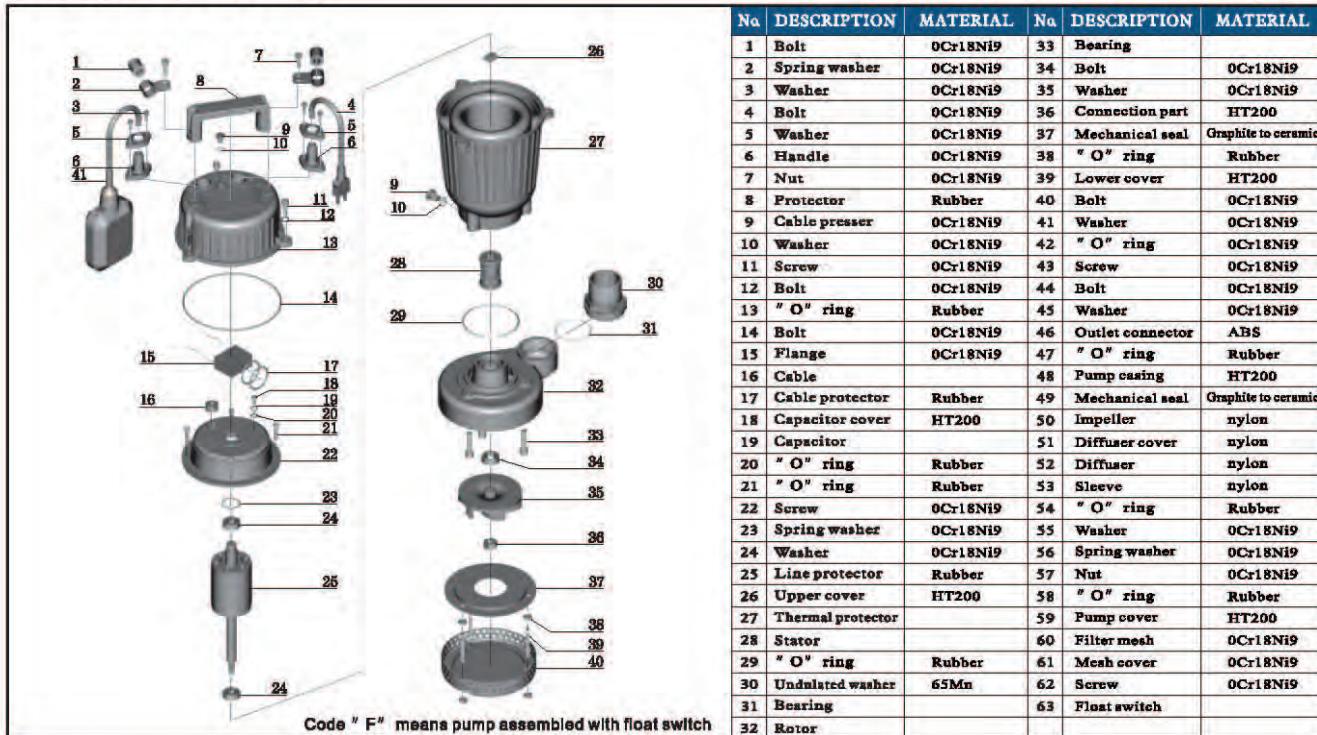
FRAME DIAGRAM:

SPA4-15/2-0.6F**OPERATION LIMITS:**

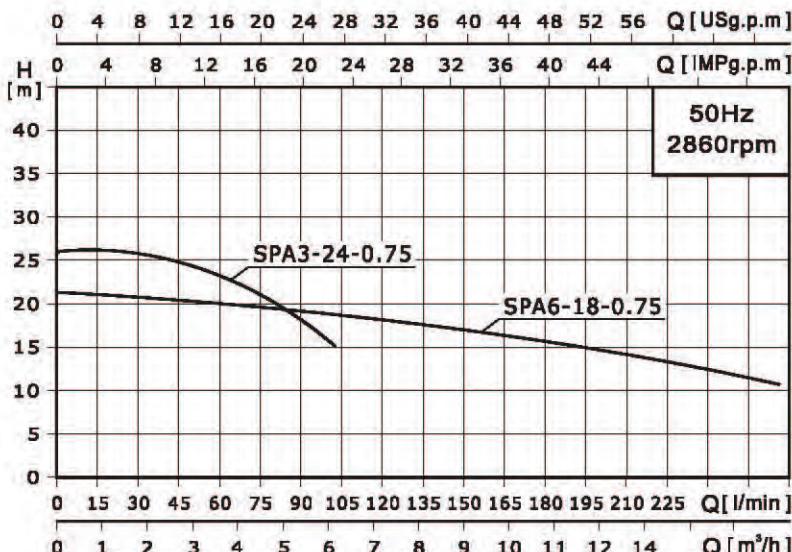
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA4-15/2-0.6	0.6	25	220 / 50	75	27	19.5	270 x 235 x 500

FRAME DIAGRAM:

SPA3-24-0.75F
SPA6-18-0.75F



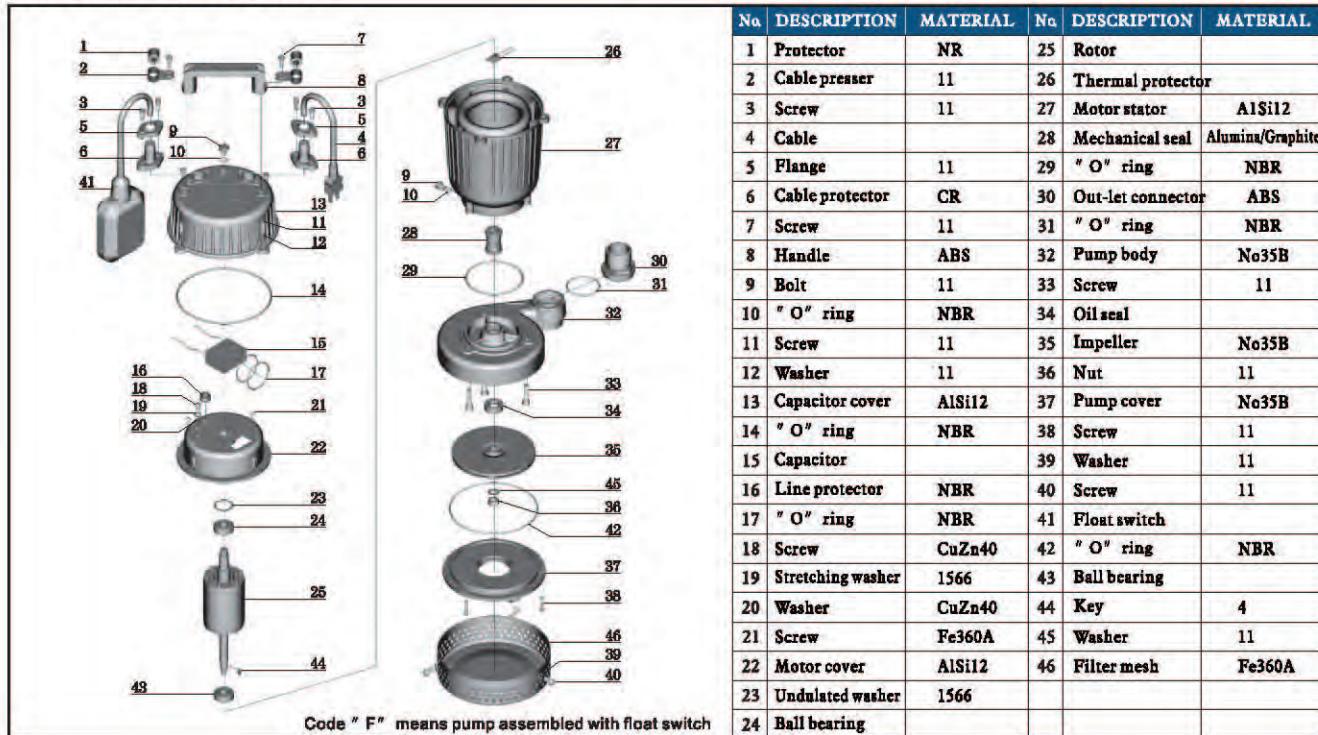
OPERATION LIMITS:

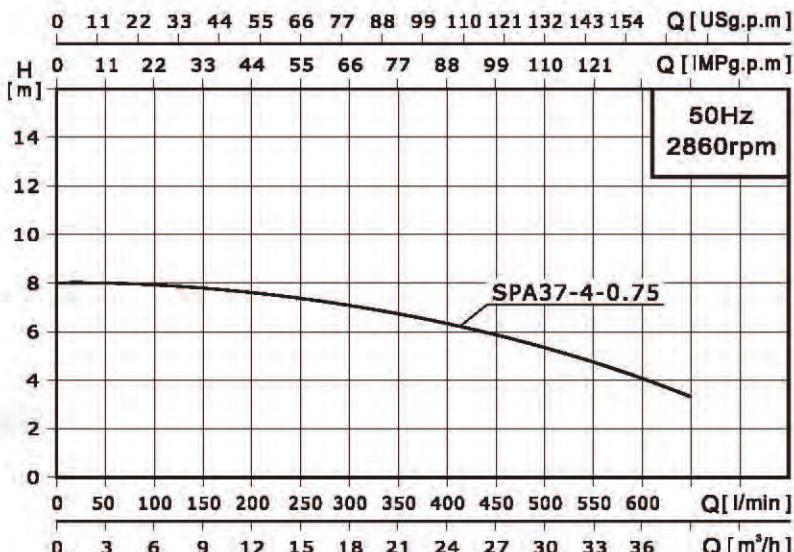
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C;
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPA3-24-0.75	0.75	25/32/40	220 / 50	100	26	16.0	270 x 235 x 420
SPA6-18-0.75	0.75	25/32/40	220 / 50	265	21	16.0	270 x 235 x 420

FRAME DIAGRAM:

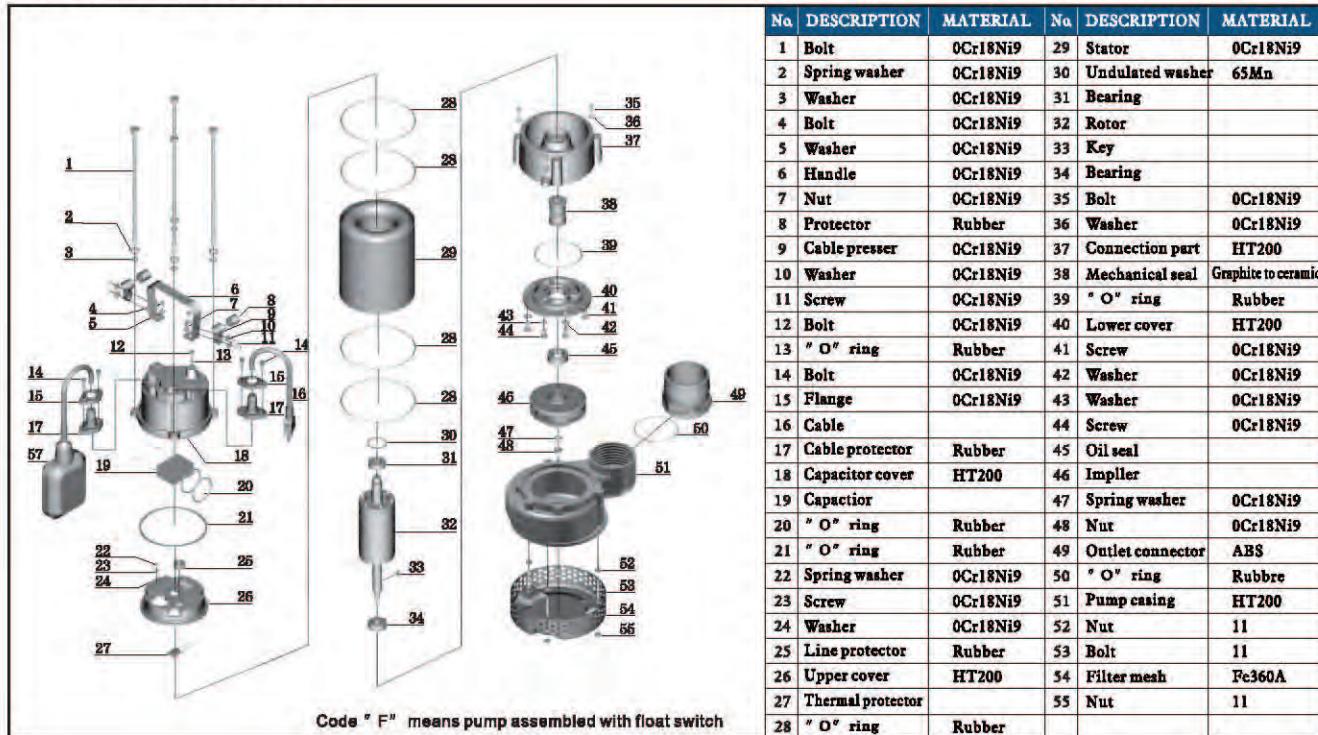


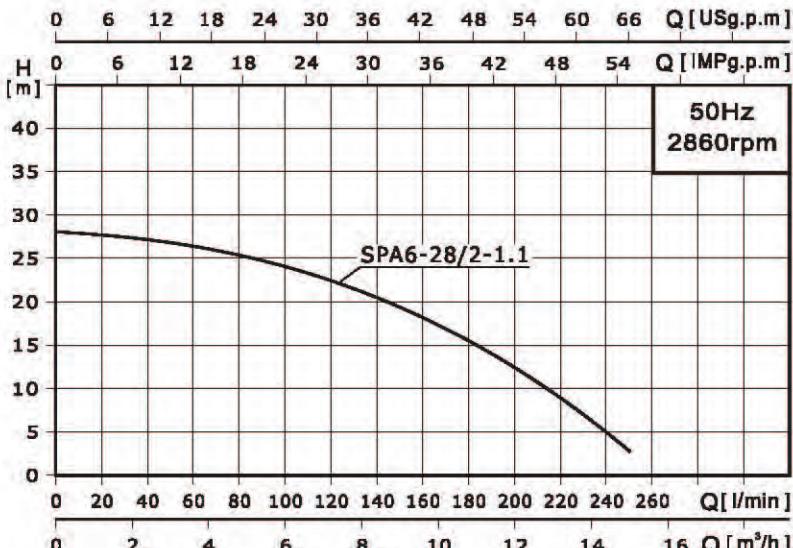
SPA37-4-0.75F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPA37-4-0.75	0.75	75	220 / 50	650	8	24.5	270 x 220 x 555

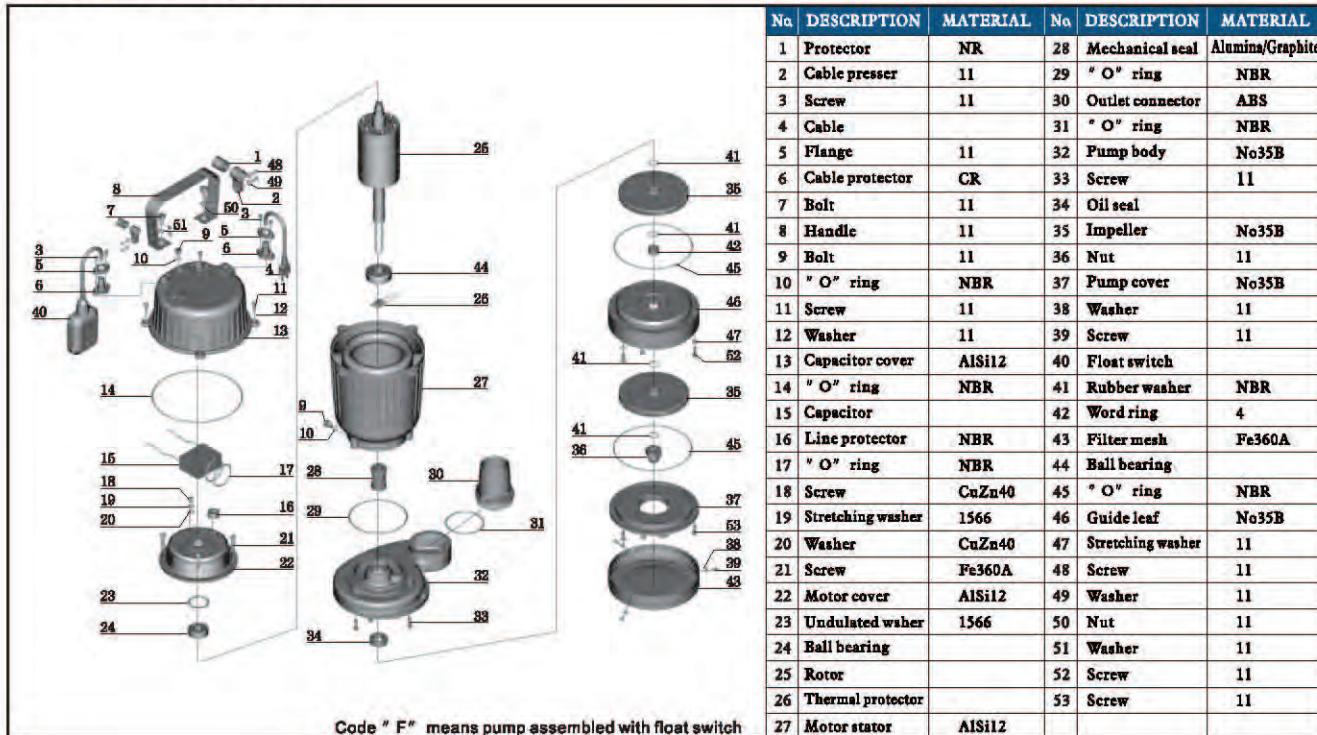
FRAME DIAGRAM:

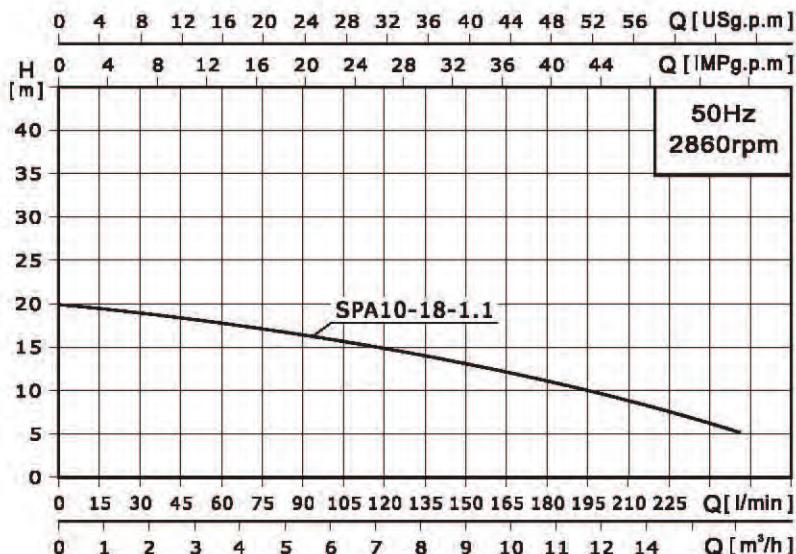
SPA6-28/2-1.1F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C;
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA6-28/2-1.1	1.1	50	220 / 50	250	27	20.5	270 x 235 x 460

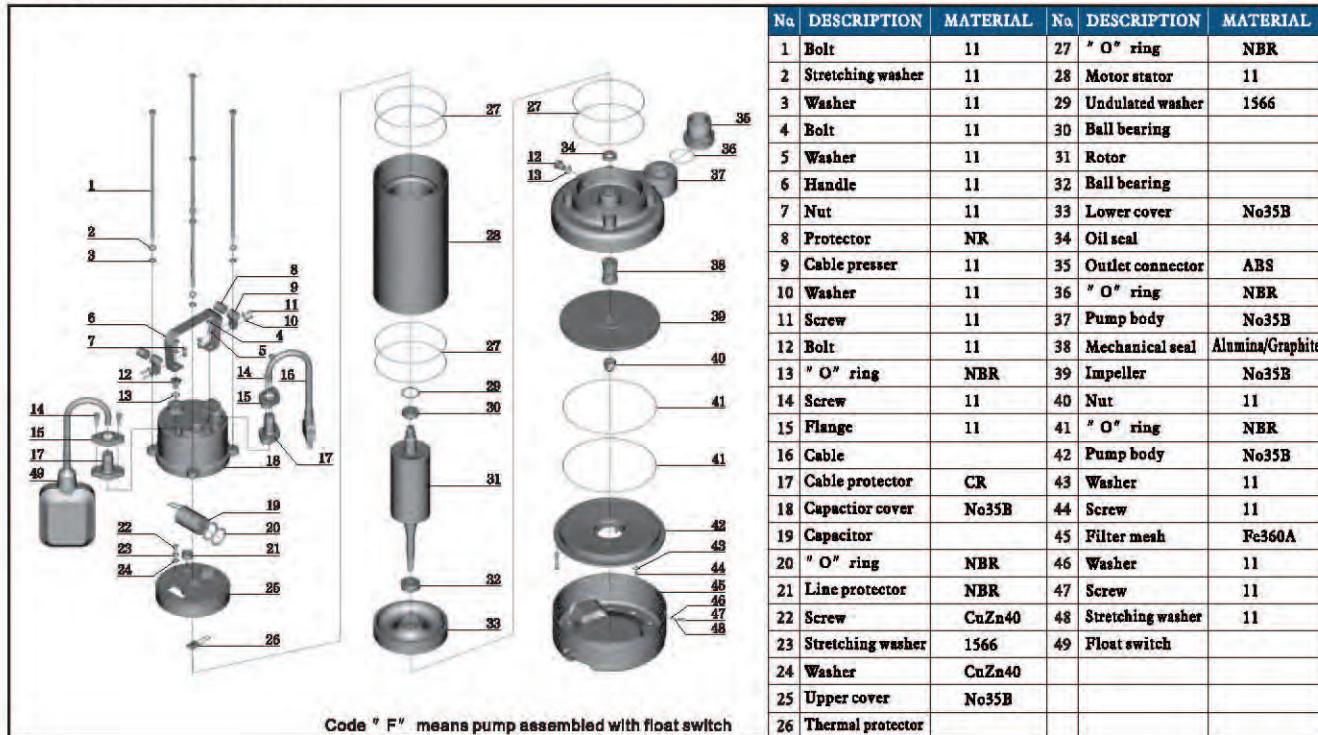
FRAME DIAGRAM:

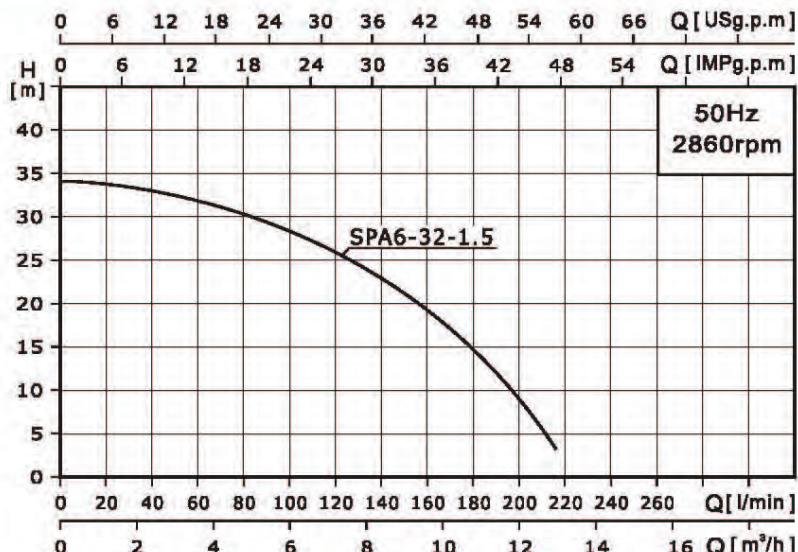
SPA10-18-1.1F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPA10-18-1.1	1.1	25/32/40	220 / 50	250	20	21.0	270 x 220 x 500

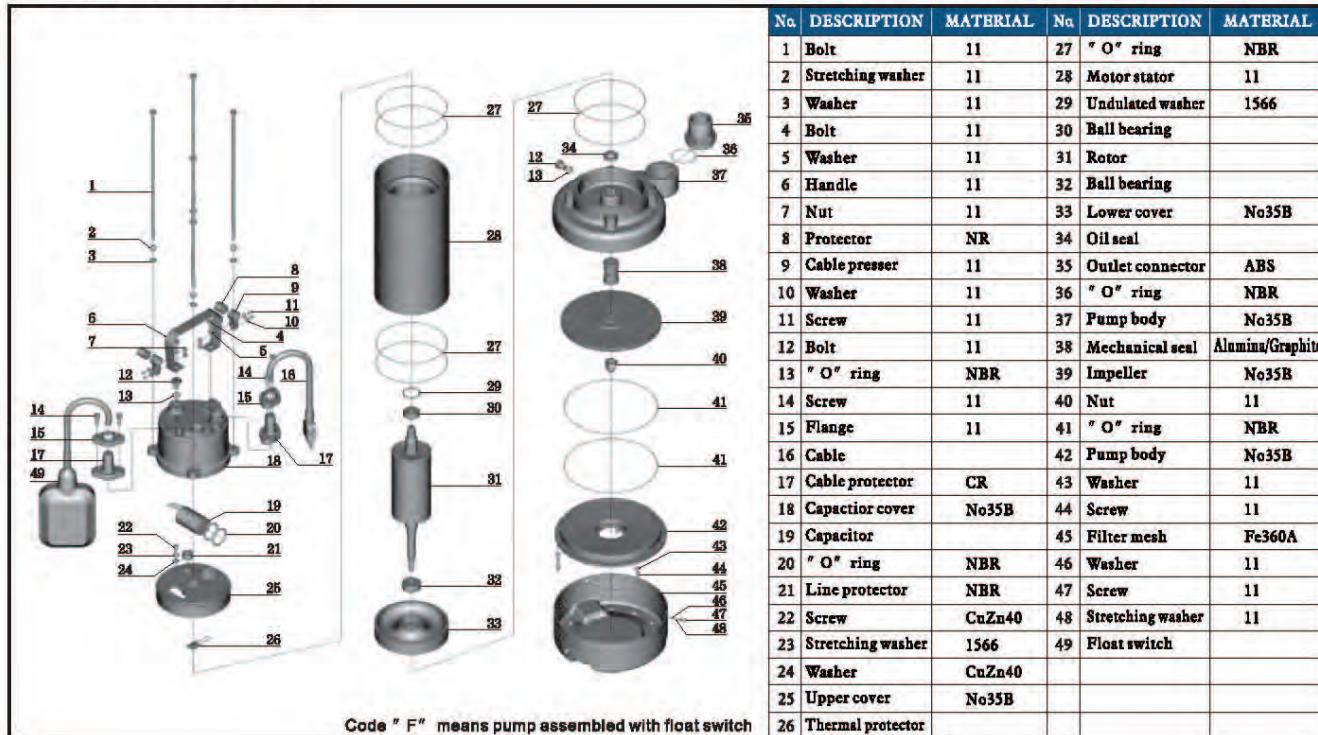
FRAME DIAGRAM:

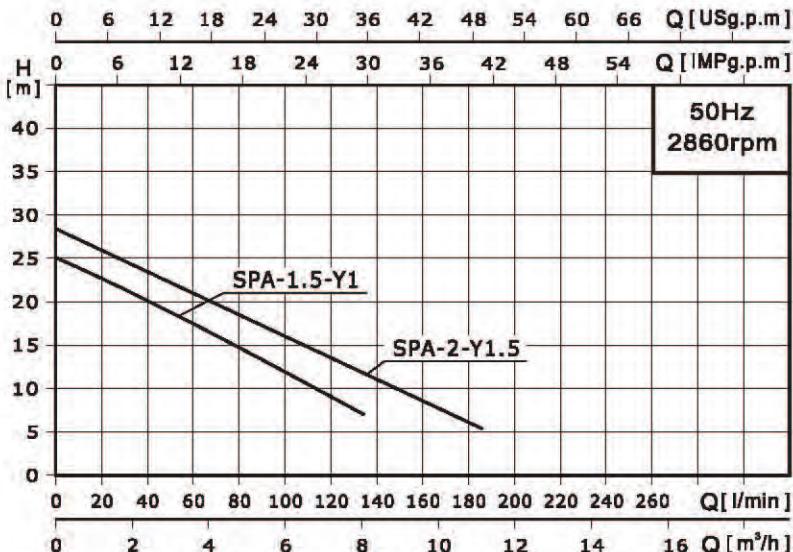
SPA6-32-1.5F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Mode	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA6-32-1.5	1.5	25/32/40	220 / 50	216	34	25.0	270 x 220 x 550

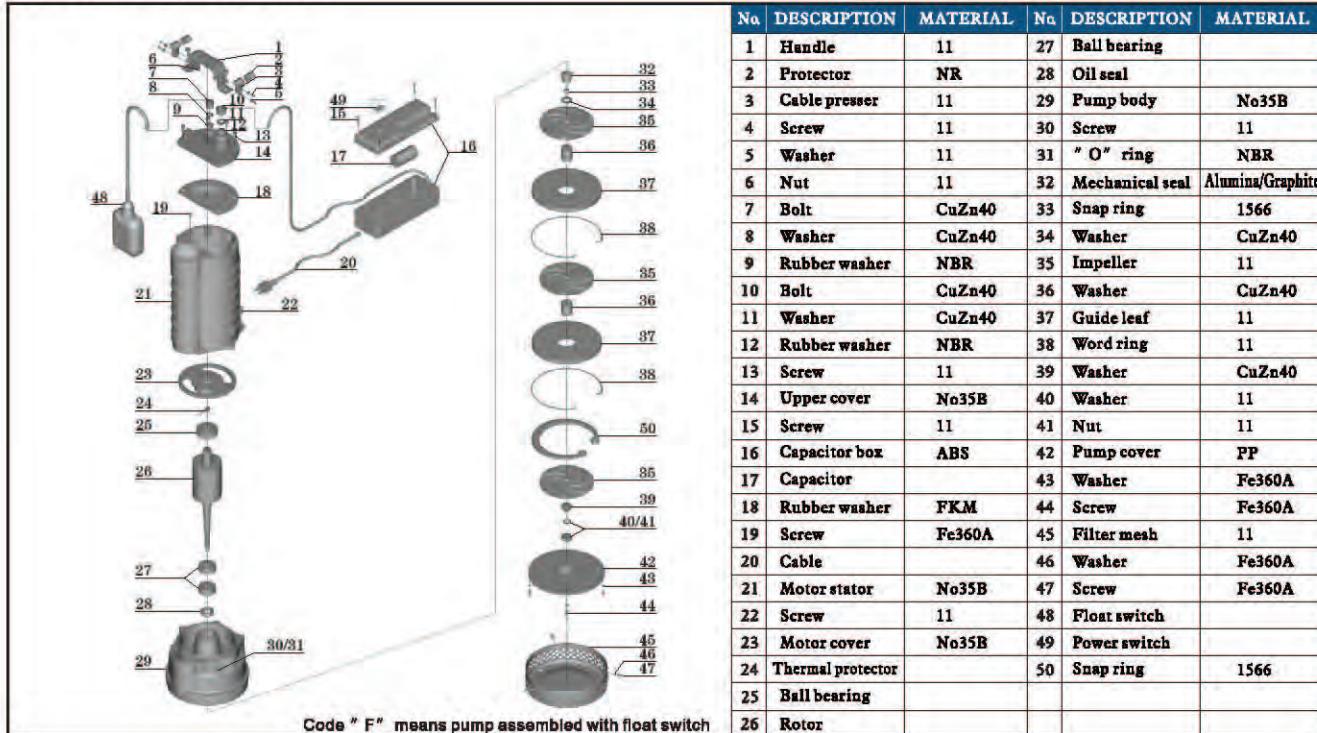
FRAME DIAGRAM:

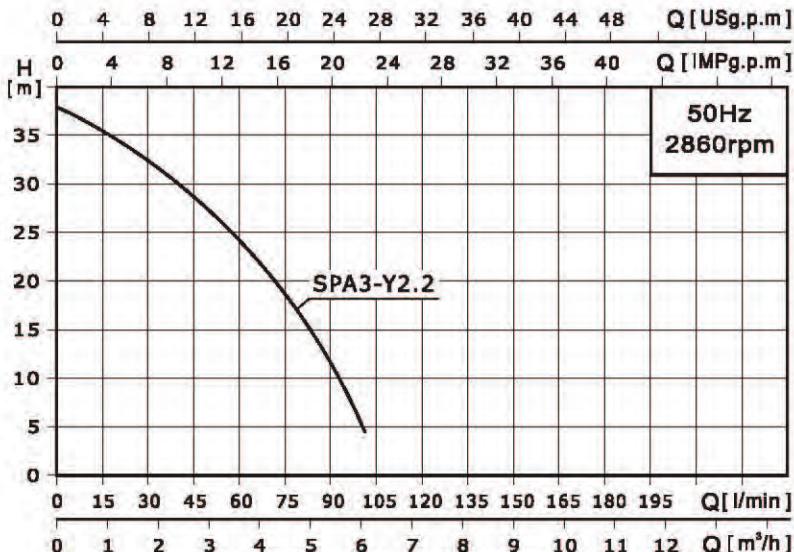
SPA-1.5-Y1F
SPA-2-Y1.5F
**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPA-1.5-Y1	1.0	50	220 / 50	135	25	29.5	585 x 350 x 245

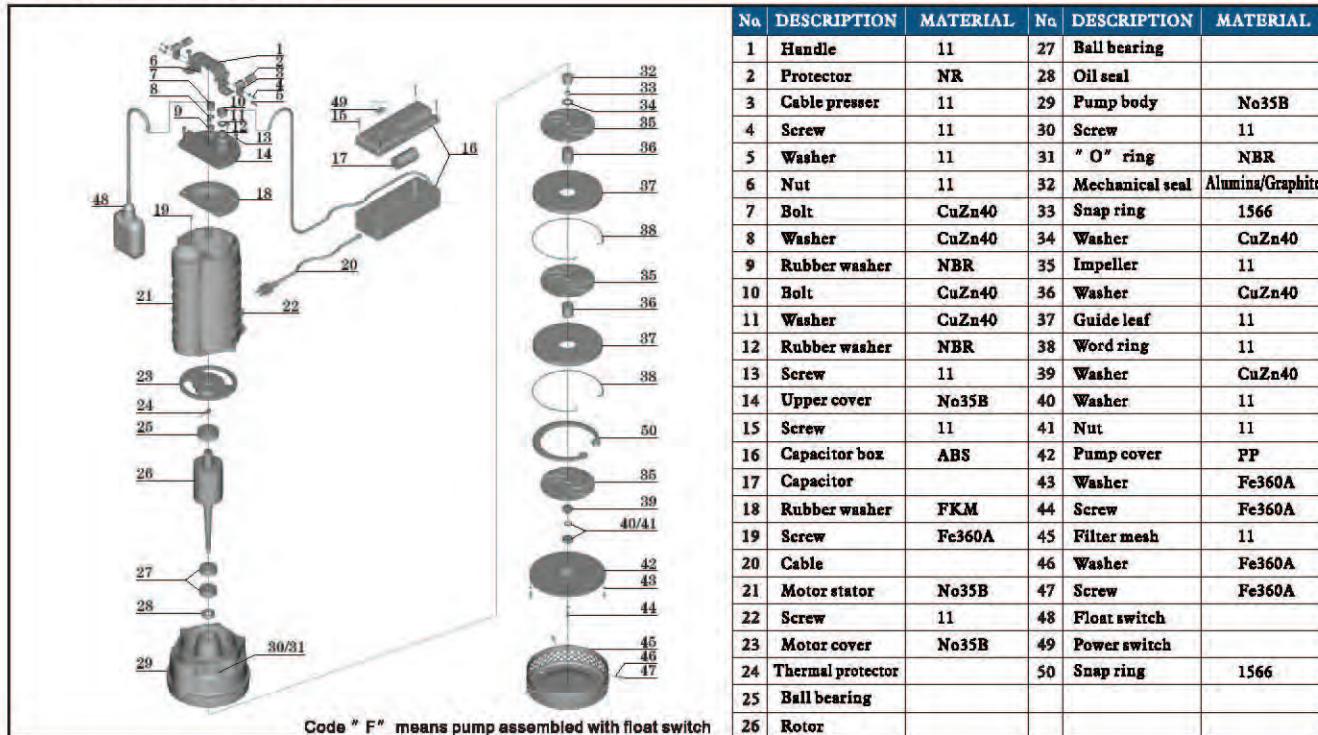
FRAME DIAGRAM:

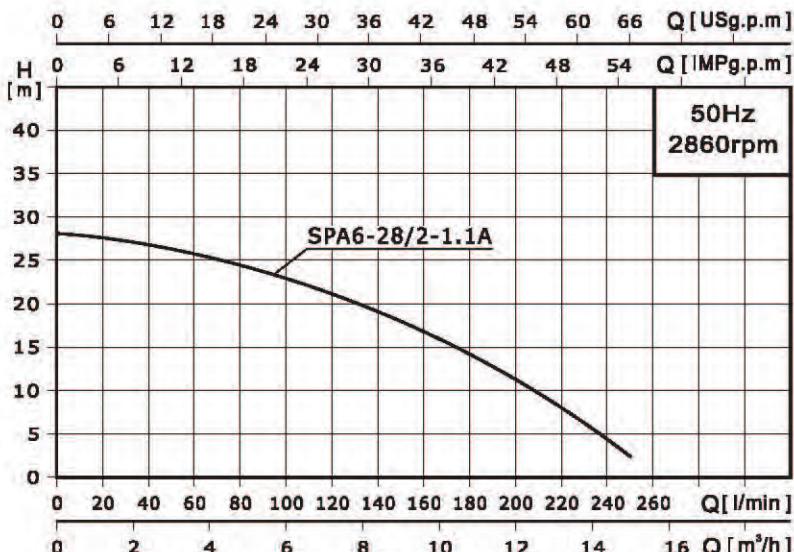
SPA-3-Y2.2F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C;
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPA-3-Y2.2	2.2	50	220 / 50	100	38	30.0	585 x 350 x 245

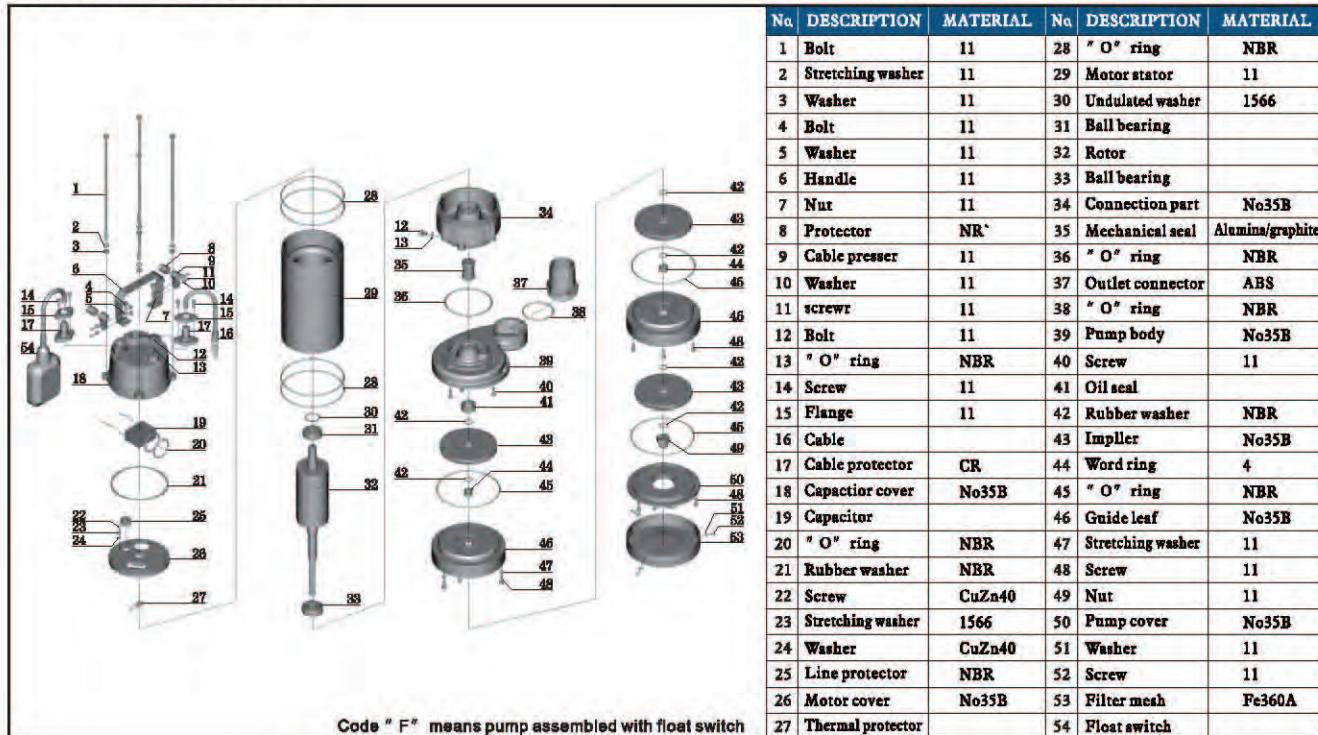
FRAME DIAGRAM:

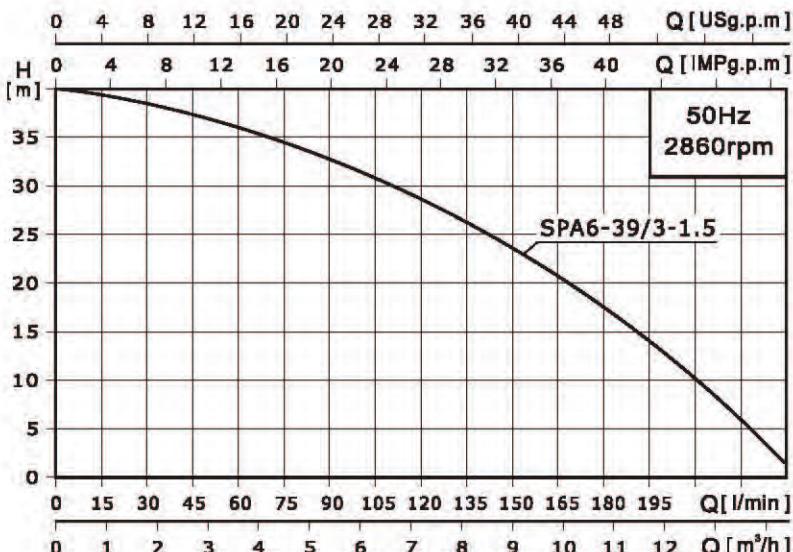
SPA6-28/2-1.1AF**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C;
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPA6-28/2-1.1A	1.1	50	220 / 50	200	28	20.5	270 x 220 x 530

FRAME DIAGRAM:

SPA6-39/3-1.5AF**OPERATION LIMITS:**

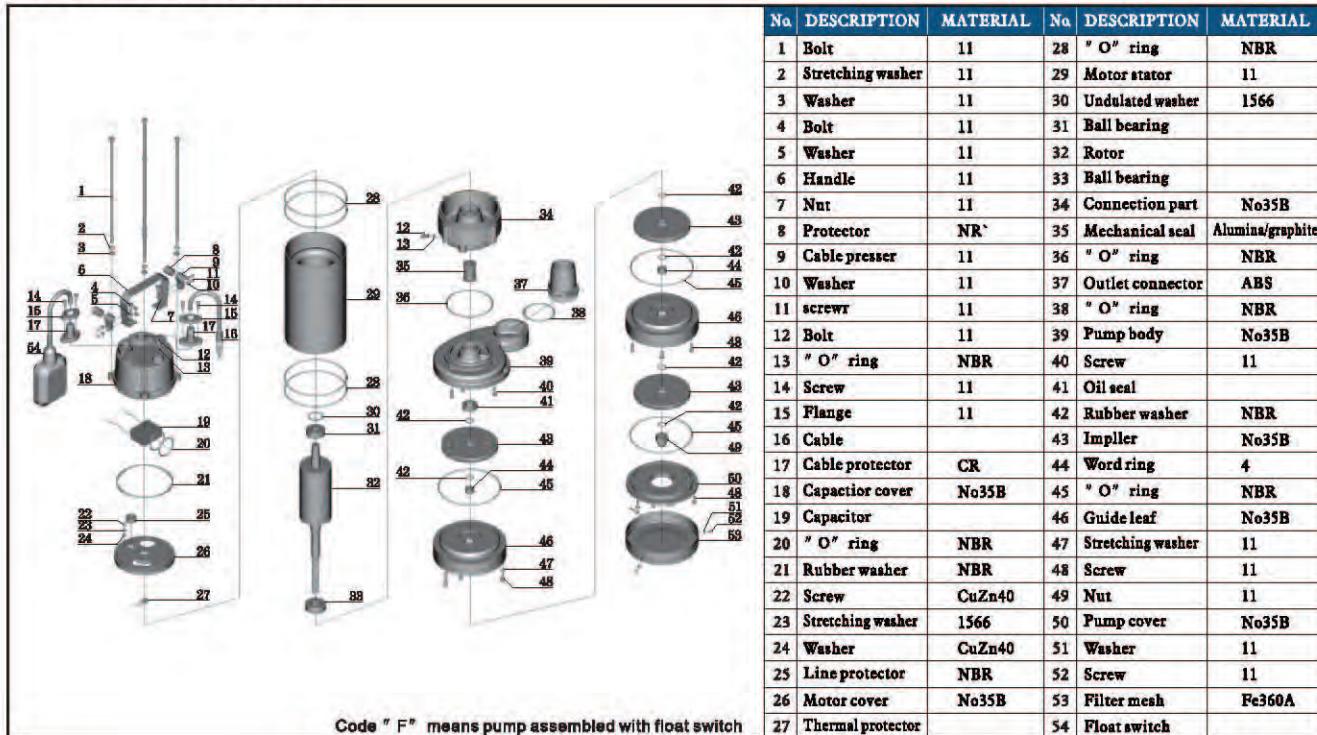
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C;
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

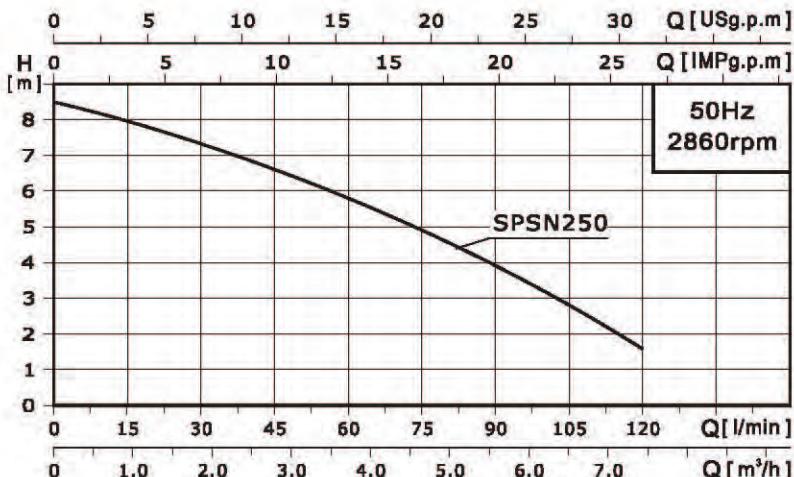
FEATURES AND APPLICATION:

The 3-phase portable high head submersible pumps are widely used for dewatering of deep ditches, basement, and construction site. The 3 phase motor is more stable. Pump is equipped with automatic resetting thermal overload to protect motor against overload and preset length float switch fitted for unattended operation.(single phase option available)

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPA6-39/-1.5A	1.5	50	220 / 50	240	40	27.5	620 × 280 × 200

FRAME DIAGRAM:

SPSN250**OPERATION LIMITS:**

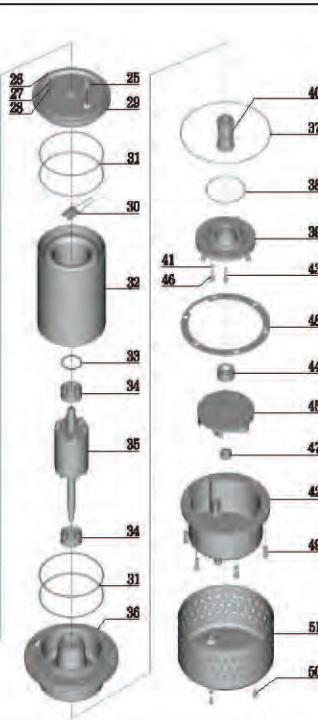
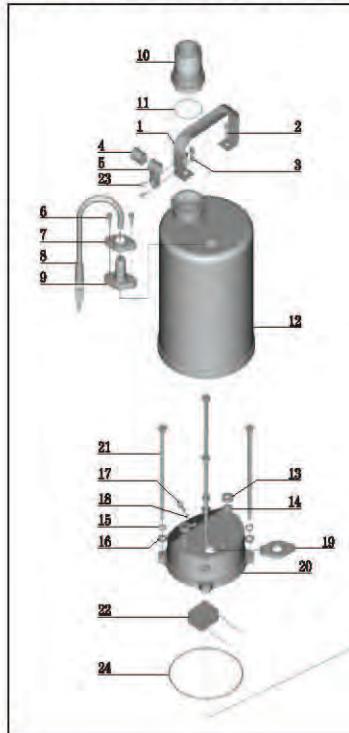
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

FEATURES AND APPLICATION:

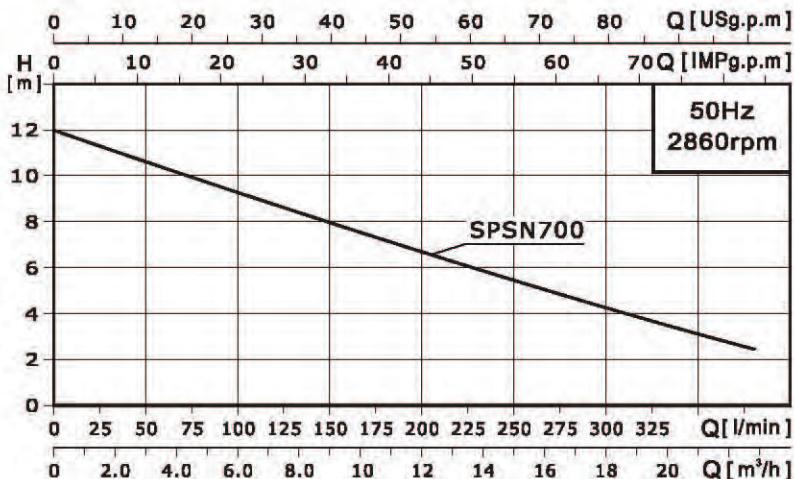
SPSN portable stainless steel submersible pump. The liquid flow pass the motor assures superior cooling resulting in long continuous running. The single phase pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. As both the pump and motor casing are stainless steel it's also suitable for liquid chemical. Pump is equipped with automatic resetting thermal overload to protect motor against overload. Preset length float switch fitted for unattended operation option is available.

TECHNICAL DATA:

Mode	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPSN250	0.25	40 / 32 / 25	220 / 50	120	8.5	10.5	175 x 175 x 345

FRAME DIAGRAM:

No	DESCRIPTION	MATERIAL	No	DESCRIPTION	MATERIAL
1	Handle	11	28	Washer	CuZn40
2	Screw	11	29	Motor cover	11
3	Nut	11	30	Thermal protector	
4	Protector	CR	31	"O" ring	NBR
5	Cable presser	11	32	Motor stator	11
6	Screw	11	33	Undulated washer	1566
7	Flange	11	34	Ball bearing	
8	Cable		35	Rotor	
9	Cable protector	CR	36	Connection part	11
10	Out-let connector	ABS	37	"O" ring	NBR
11	"O" ring	NBR	38	"O" ring	NBR
12	Motor shell	11	39	Oilchamber cover	11
13	Rubber washer	NBR	40	Mechanical seal	Sic/Sic
14	Washer	Fe260A1	41	"O" ring	NBR
15	Stretching washer	11	42	Pump body	11
16	Washer	11	43	Screw	11
17	Screw	11	44	Oil seal	
18	"O" ring	NBR	45	Impeller	11
19	Rubber washer	NBR	46	Screw	11
20	Capacitor cover	11	47	Nut	11
21	Bolt	11	48	Rubber washer	NBR
22	Capacitor		49	Screw	11
23	Screw	11	50	Screw	11
24	"O" ring	NBR	51	Filter mesh	11
25	Line protector	NBR			
26	Screw	CuZn40			
27	Stretching washer	1566			

SPSN700**OPERATION LIMITS:**

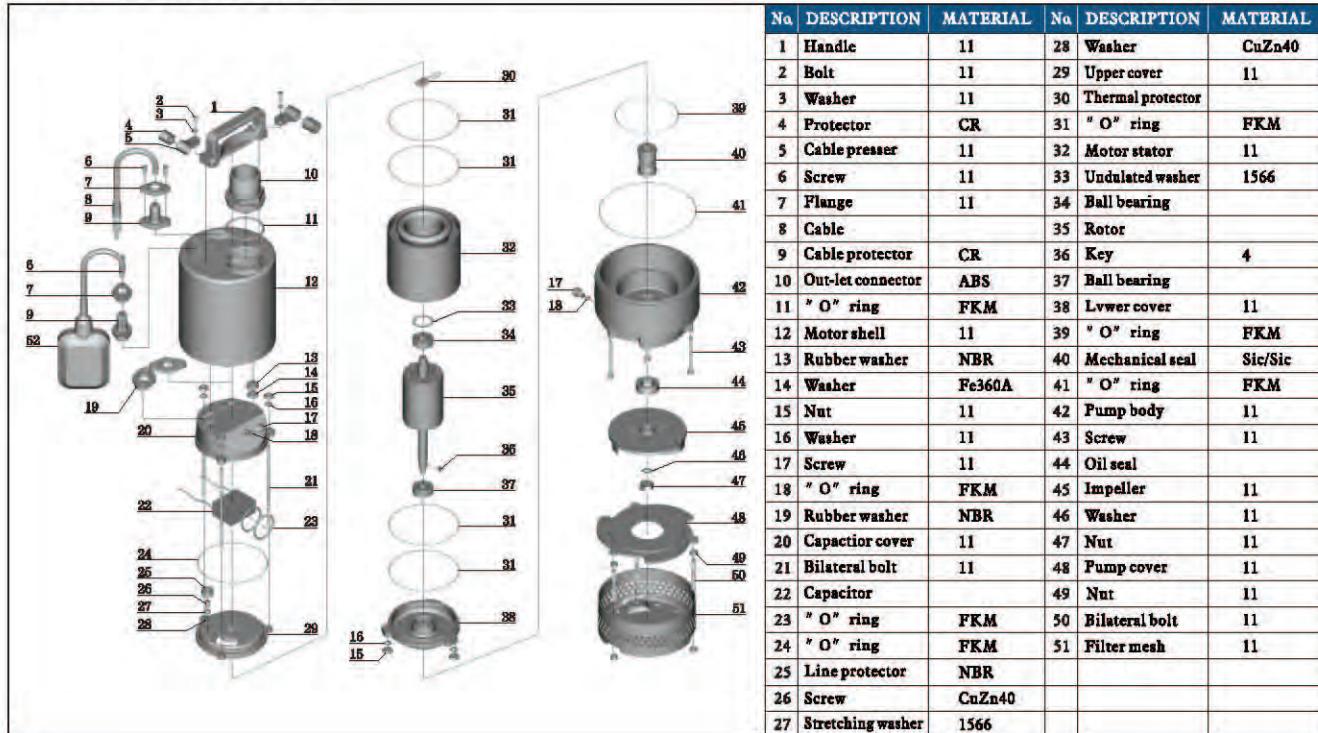
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

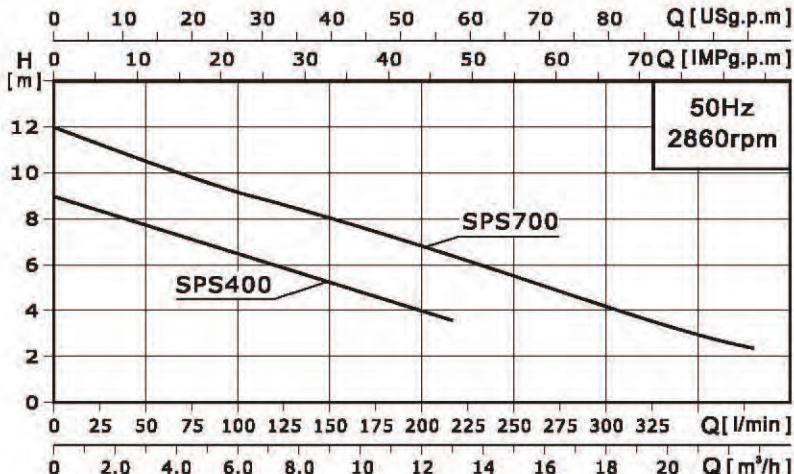
FEATURES AND APPLICATION:

SPSN portable stainless steel submersible pump. The liquid flow pass the motor assures superior cooling resulting in long continuous running. The single phase pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. As both the pump and motor casing are stainless steel it's also suitable for liquid chemical. Pump is equipped with automatic resetting thermal overload to protect motor against overload. Preset length float switch fitted for unattended operation option is available.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPSN700	0.70	50	220 / 50	380	12	18.0	220 x 220 x 440

FRAME DIAGRAM:

**SPS400F
SPS700F****OPERATION LIMITS:**

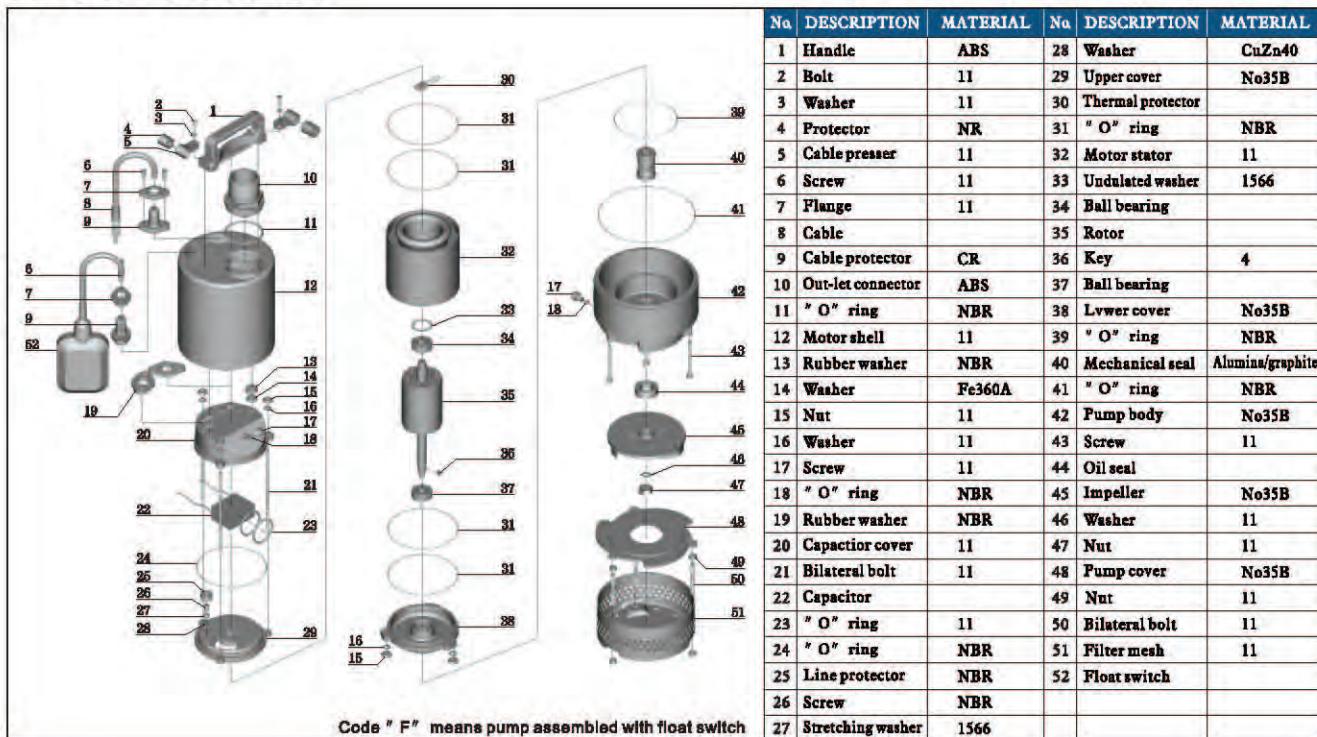
1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Clean or grey water of neutral pH containing solids no bigger than 0.2mm

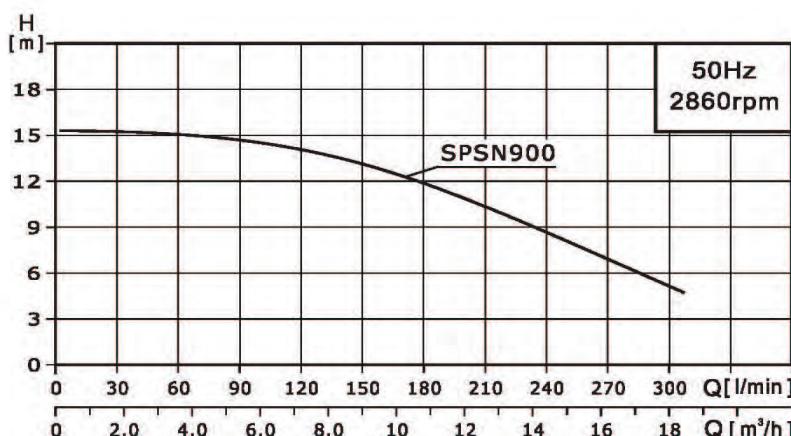
FEATURES AND APPLICATION:

Stainless steel shell, double cased, portable dewatering sump pump. The liquid flow pass the motor assures superior cooling resulting in long continuous running. The single phase pumps for pumping water are widely used for dewatering of cellars, garages, ditches, pit & pond. Pumping clean or slightly dirty water in aquariums, gardens and fountains, farm and garden. As both the pump and motor casing are stainless steel it's also suitable for liquid chemical. Pump is equipped with automatic resetting thermal overload to protect motor against overload. Preset length float switch fitted for unattended operation option is available.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max. flow [l/min]	Max. head [m]	G.W. [kg]	Dimensions [mm]
SPS400	0.40	50	220 / 50	216	9	17.0	220 x 220 x 440
SPS700	0.70	50	220 / 50	380	12	18.5	220 x 220 x 440

FRAME DIAGRAM:

SPSN900**CONDITION OF USAGE:**

1. Maximum operating depth 5m below water lever;
2. Continuous duty when fluid temperature under +40°C;
3. Maximum passage for suspended solid Φ0.2mm.

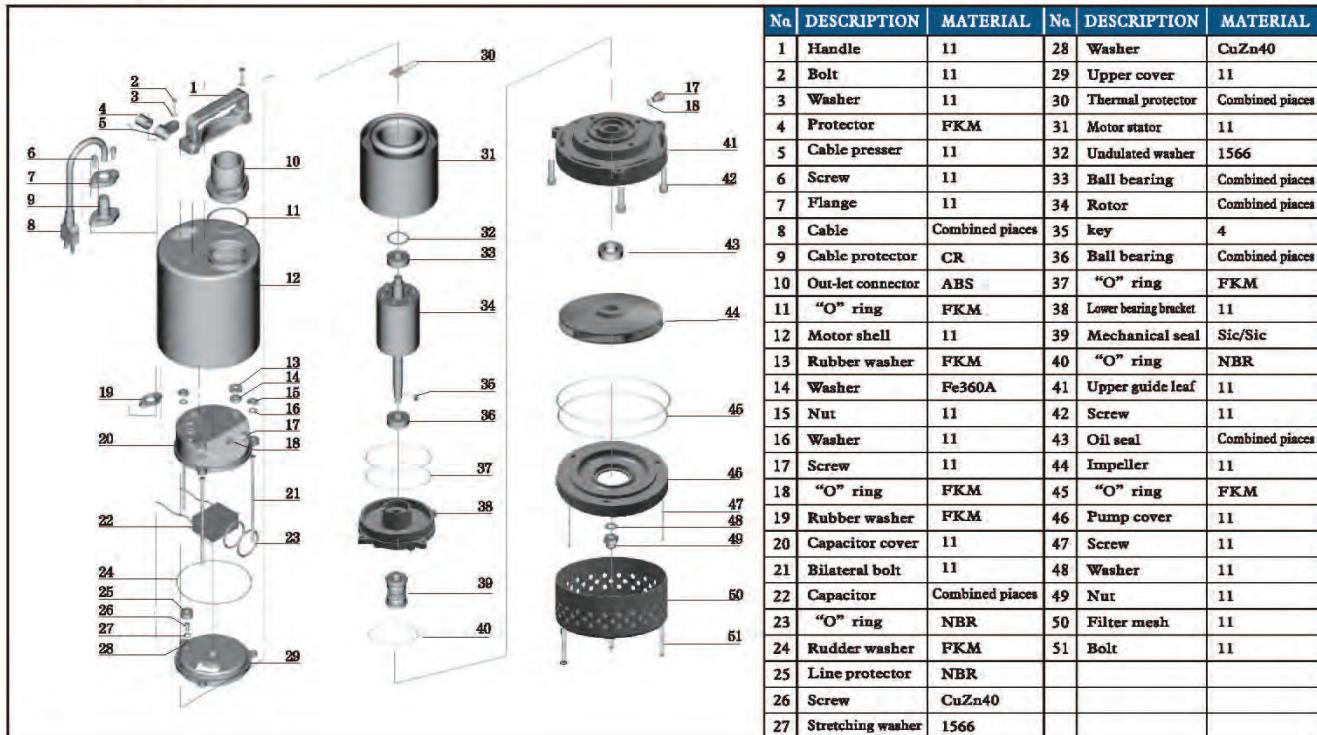
Technical data(the data will be some change under different voltage and frequency)

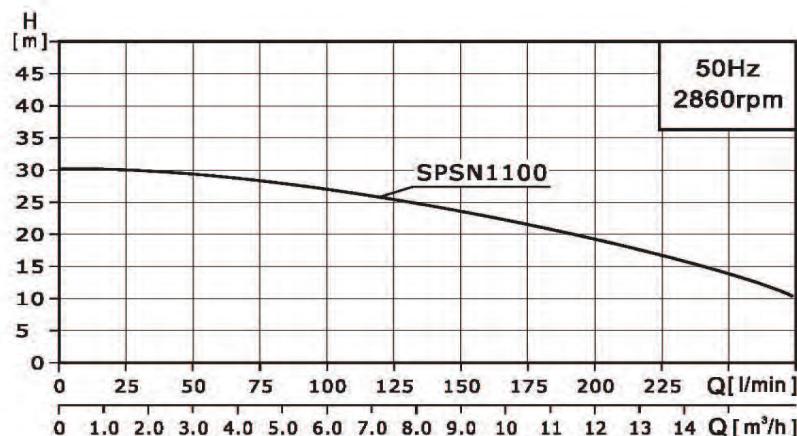
FEATURES AND APPLICATION:

SPSN series are vertical complete stainless steel submersible pump (all spare parts contacted with water are made of AISI304), widely used for transferring water in mining, construction industry, breed aquatics, chemical industry, foodstuff processing, etc. Are also suitable for pumping seawater. SPSN pump is easy to cooperate and with good performance in draining and anti-corrosiveness. Thermal protector inside pump can automatically shut off the pump when overheating and overload, to guarantee safe and reliable operation under hard condition.

TECHNICAL DATA:

Mode	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPSN900	0.9	50	220 / 50	233	14	18.0	505×225×205

PART VIEW:

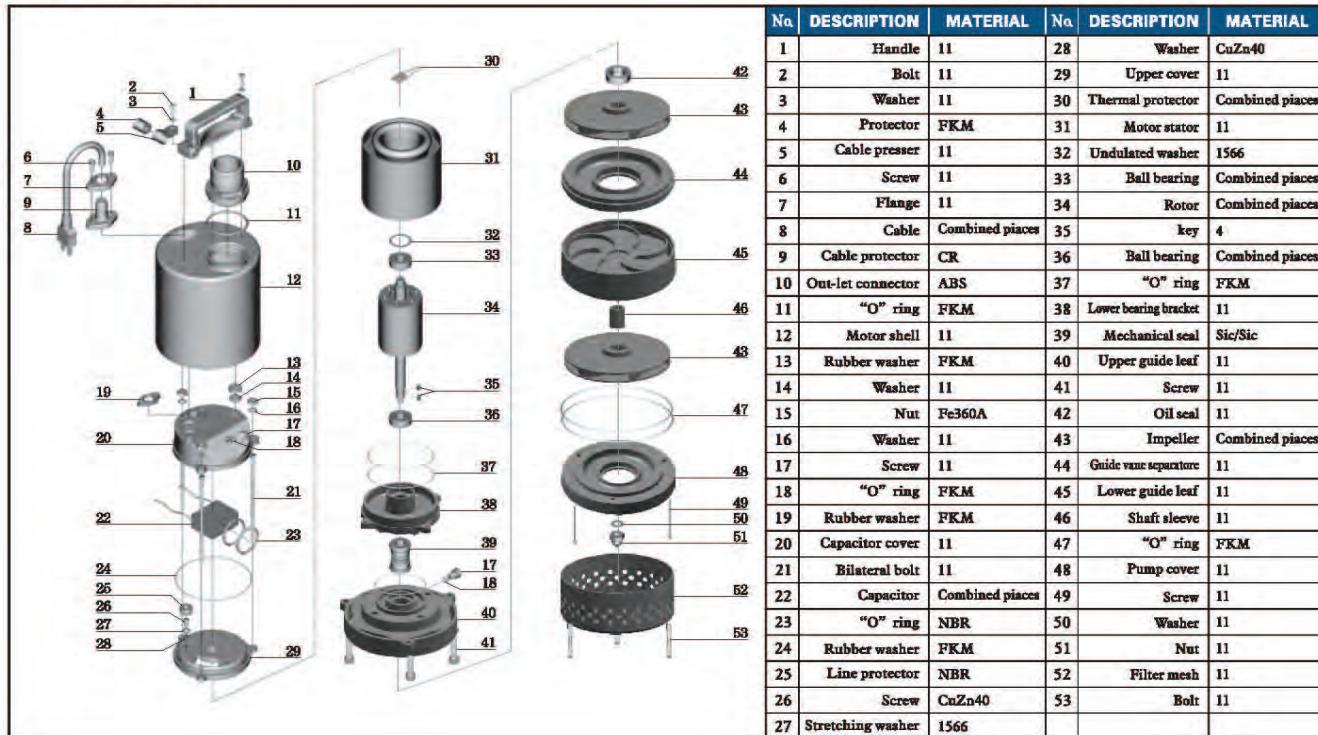
SPSN1100**CONDITION OF USAGE:**

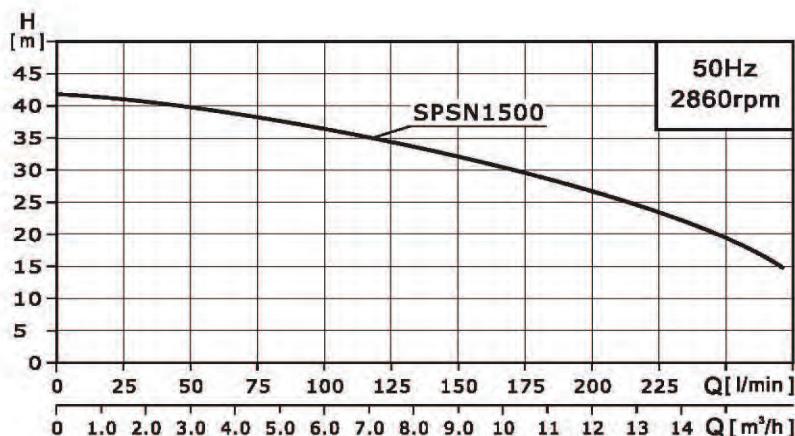
1. Maximum operating depth 5m below water lever;
2. Continuous duty when fluid temperature under +40°C;
3. Maximum passage for suspended solid Φ0.2mm.

Technical data(the data will be some change under different voltage and frequency)

TECHNICAL DATA:

Mode	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPSN1100	1.1	50	220 / 50	233	28	23.0	575×225×205

PART VIEW:

SPSN1500**CONDITION OF USAGE:**

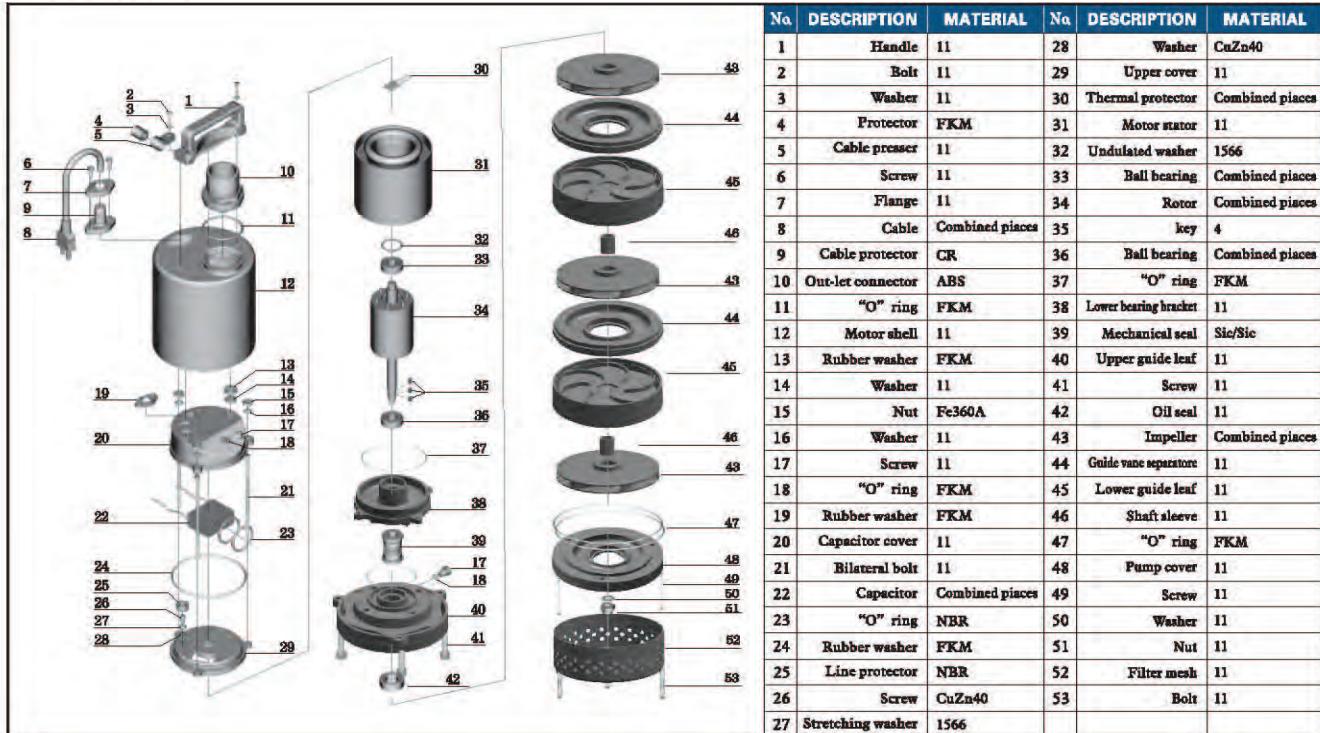
1. Maximum operating depth 5m below water lever;
 2. Continuous duty when fluid temperature under +40°C;
 3. Maximum passage for suspended solid Φ0.2mm.
- Technical data(the data will be some change under different voltage and frequency)**

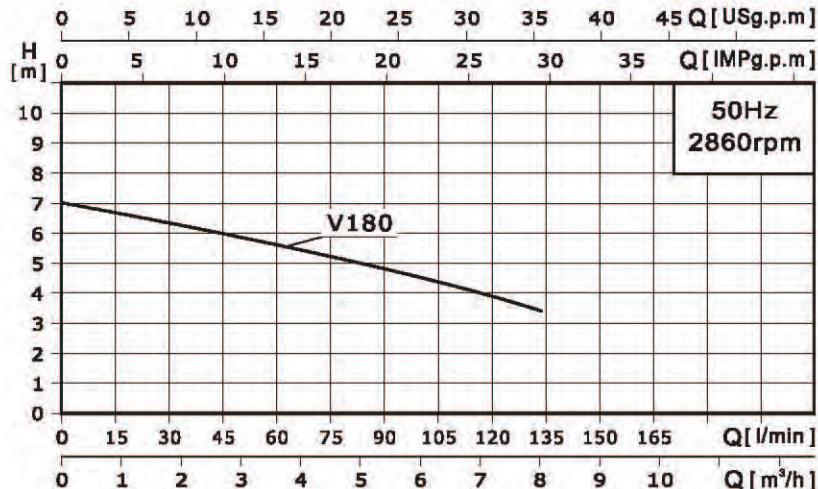
FUNCTION AND FEATURE:

SPSN series are vertical complete stainless steel submersible pump (all spare parts contacted with water are made of AISI304), widely used for transferring water in mining, construction industry, breed aquatics, chemical industry, foodstuff processing, etc. Are also suitable for pumping seawater. SPSN pump is easy to cooperate and with good performance in draining and anti-corrosiveness. Thermal protector inside pump can automatically shut off the pump when overheating and overload, to guarantee safe and reliable operation under hard condition.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
SPSN1500	1.5	50	220 / 50	233	42	28.0	645×205×220

PART VIEW:

V180F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Sewage or grey water of neutral PH containing up to 10% of small soft organic solids

FEATURES AND APPLICATION:

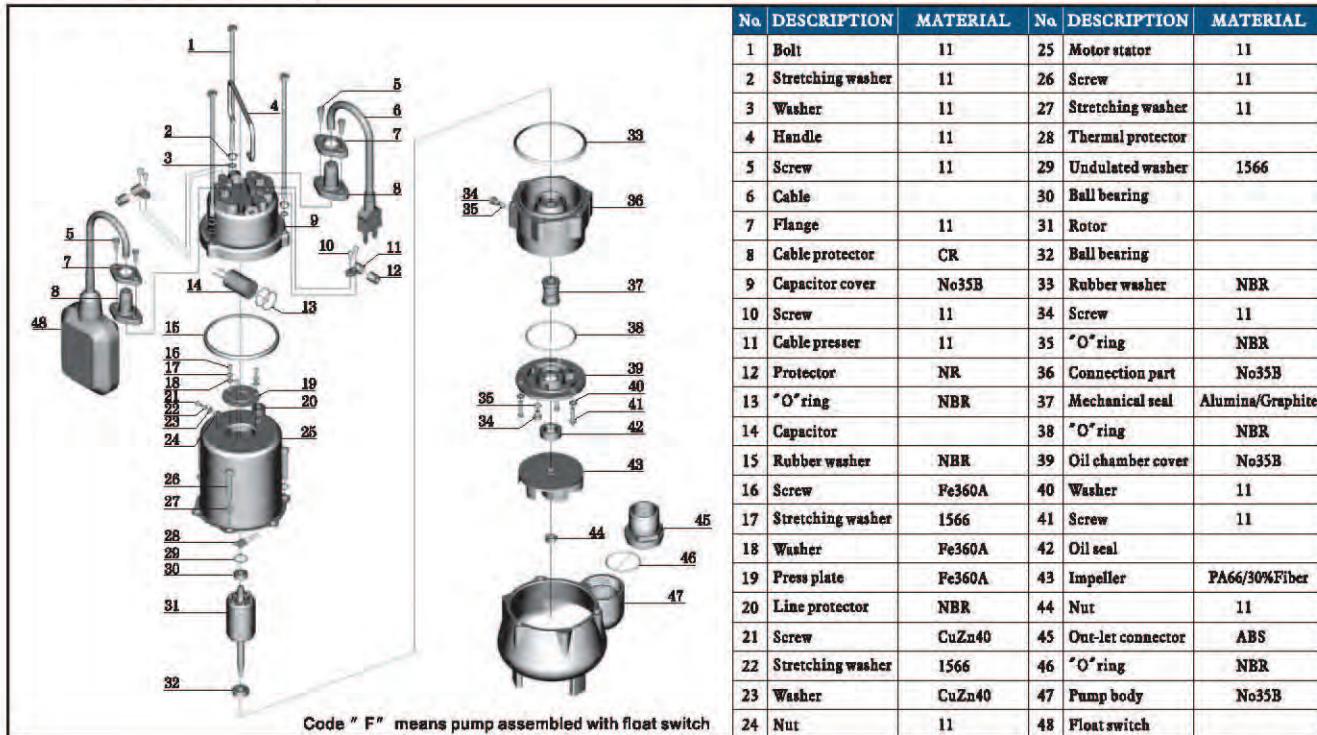
This advanced V series, single phase waste water pumps with high efficiency open multi-channel impeller are ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 15mm. The bottom suction design and abrasive resistant material made them very suitable for:

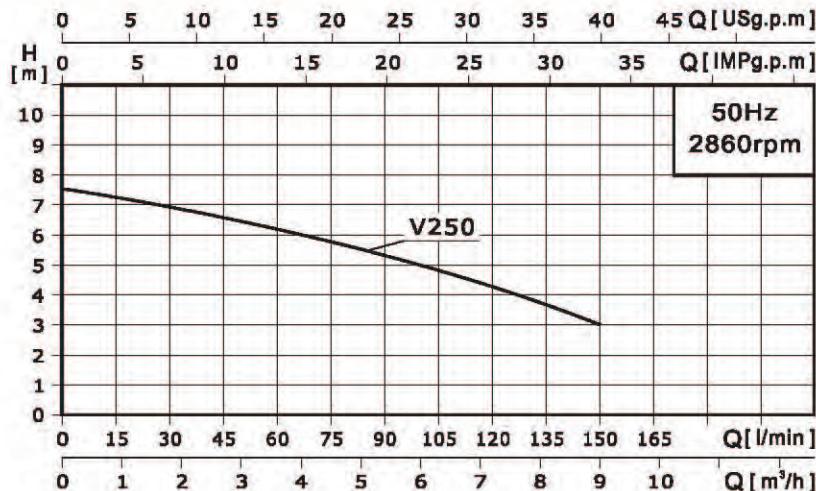
- Drainage of sewage from building basements and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.

The float switch can automatically control on/off of pump with the change of the liquid level. Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
V180	0.18	40 / 32 / 25	220 / 50	133	7	15	9.0	185 x 180 x 360

FRAME DIAGRAM:

V250F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Sewage or grey water of neutral PH containing up to 10% of small soft organic solids

FEATURES AND APPLICATION:

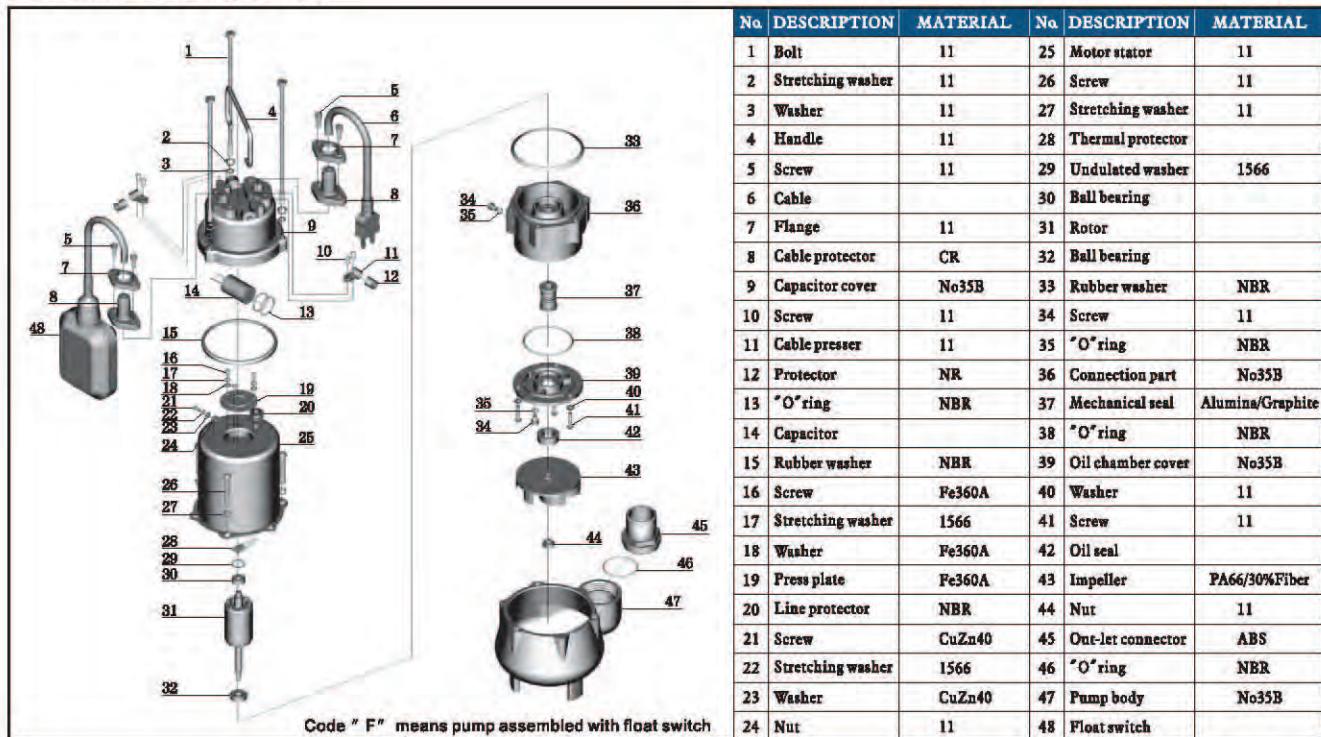
This advanced V series, single phase waste water pumps with high efficiency open multi-channel impeller are ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 15mm. The bottom suction design and abrasive resistant material made them very suitable for:

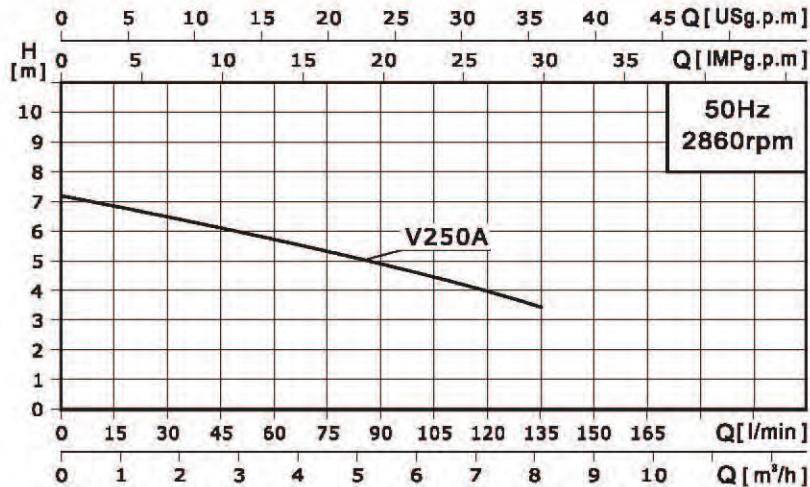
- Drainage of sewage from building basements and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.

The float switch can automatically control on/off of pump with the change of the liquid level. Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
V250	0.25	40 / 32 / 25	220 / 50	150	7.5	15	9.5	185 × 180 × 380

FRAME DIAGRAM:

V250AF**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Sewage or grey water of neutral PH containing up to 10% of small soft organic solids

FEATURES AND APPLICATION:

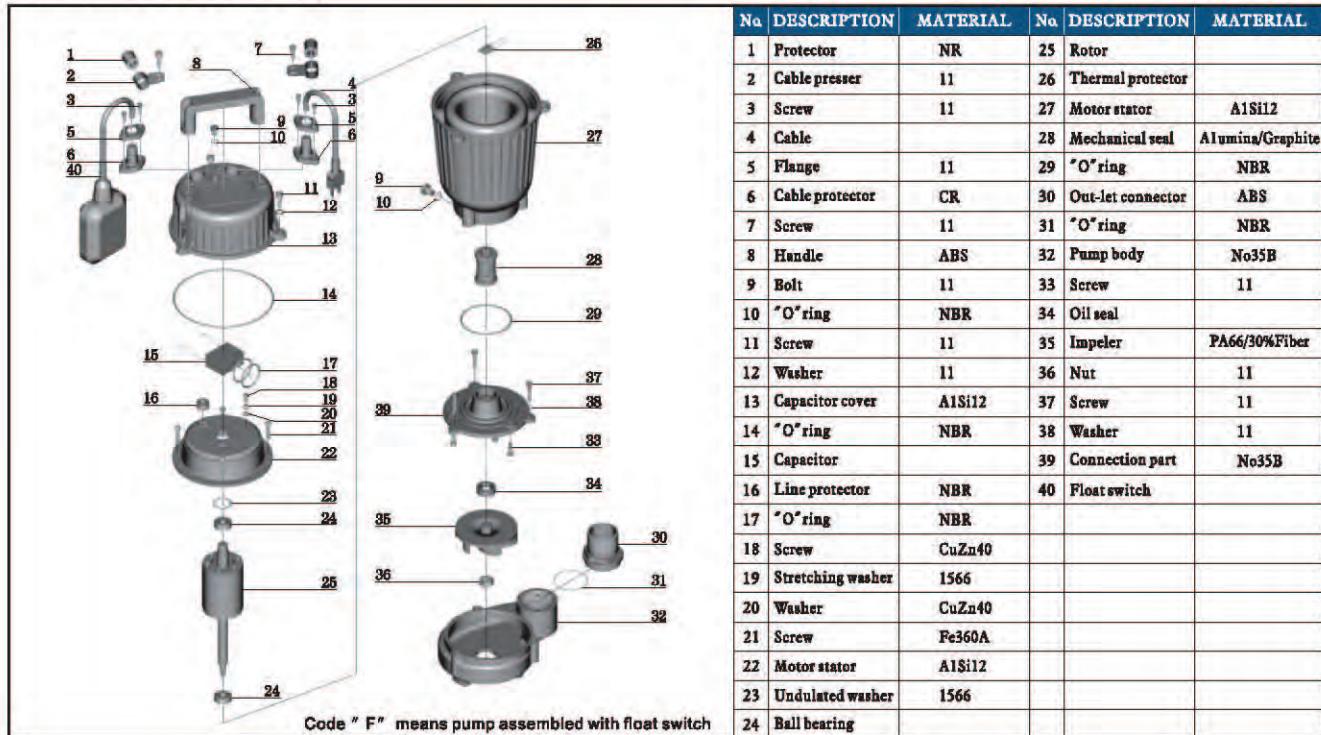
This advanced V series, single phase waste water pumps with high efficiency open multi-channel impeller are ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 10mm. The bottom suction design and abrasive resistant material made them very suitable for:

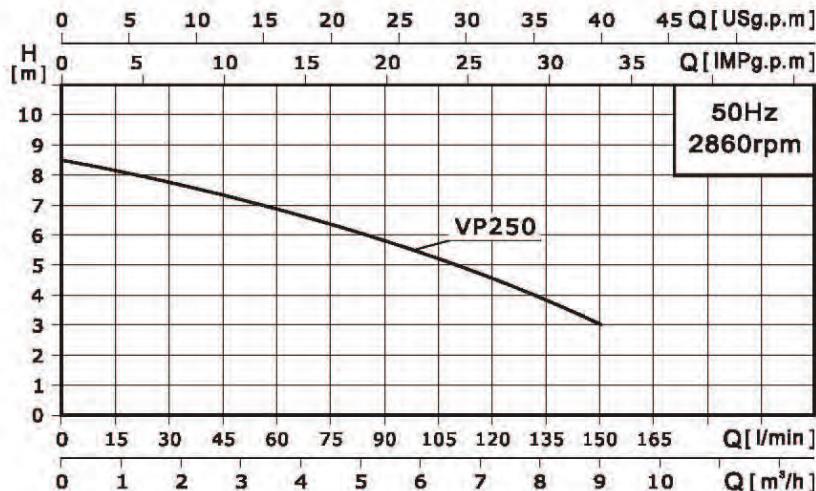
- Drainage of sewage from building basements and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.

The float switch can automatically control on/off of pump with the change of the liquid level. Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
V250A	0.25	25/32/40	220 / 50	133	7	10	9.5	205 x 185 x 340

FRAME DIAGRAM:

VP250F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Waste water or grey water of 4-10 PH containing up to 10% of small soft organic solids

FEATURES AND APPLICATION:

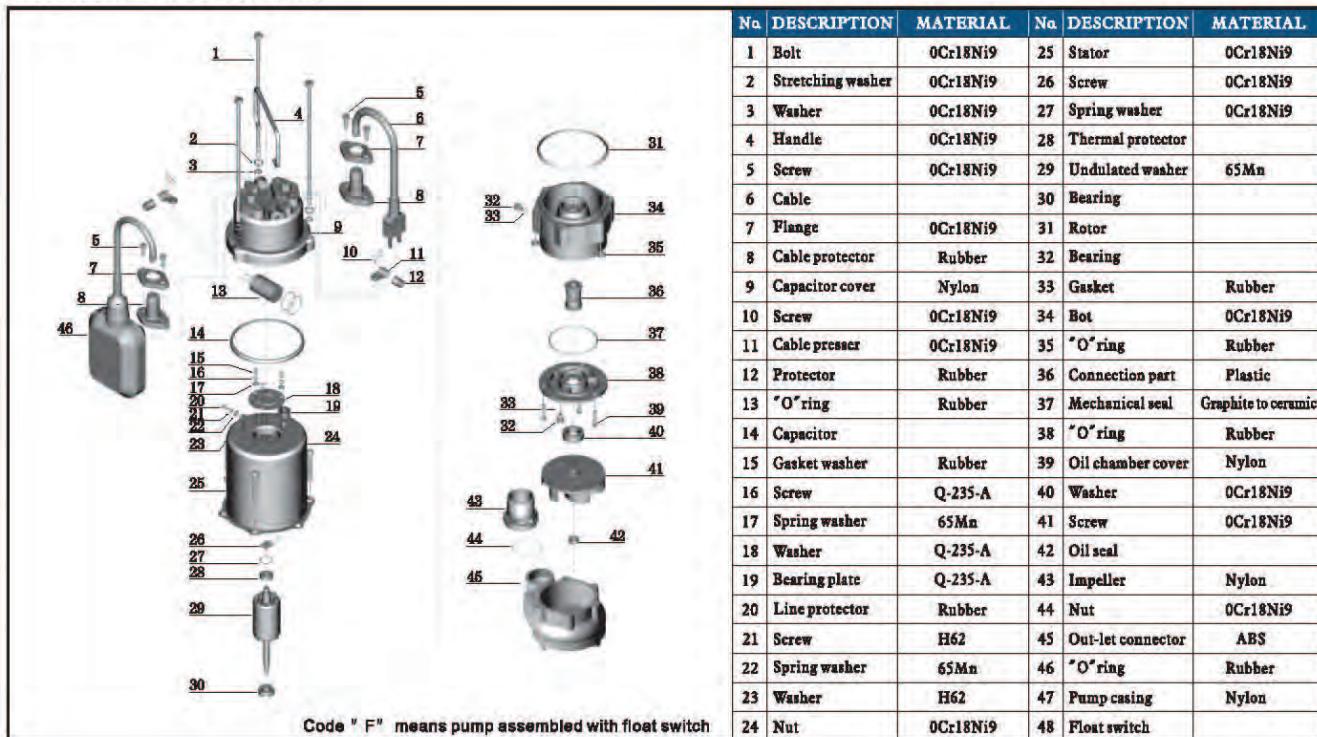
VP portable submersible pump with reinforce nylon wetted parts and stainless steel motor cover and fasteners. This single phase waste water pumps with high efficiency open multi-channel impeller can be ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 25mm. The bottom suction design and abrasive resistance material made them very suitable for:

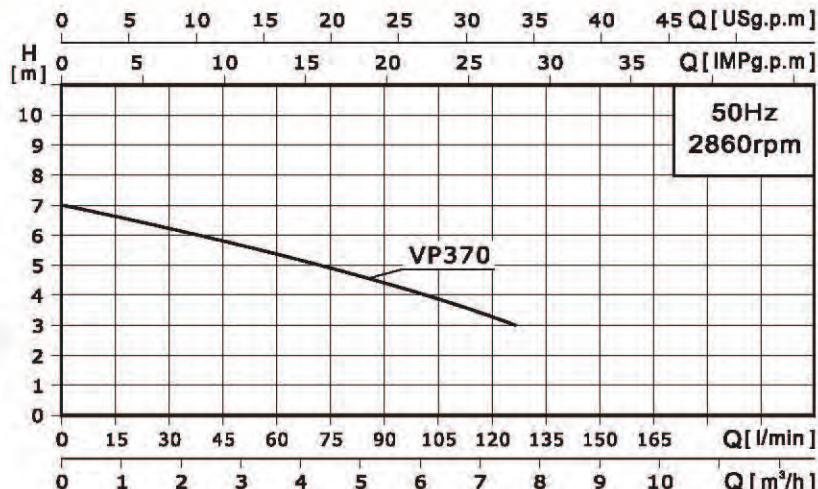
- Drainage of light chemical and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.
- Seawater in ship and fish farm.

Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
VP250	0.25	25/32/40	220 / 50	150	8.5	25	6.0	185×180×405

FRAME DIAGRAM:

VP370F**CONDITION OF USAGE:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Rain or grey water of neutral pH containing up to 2% of small soft organic solids.

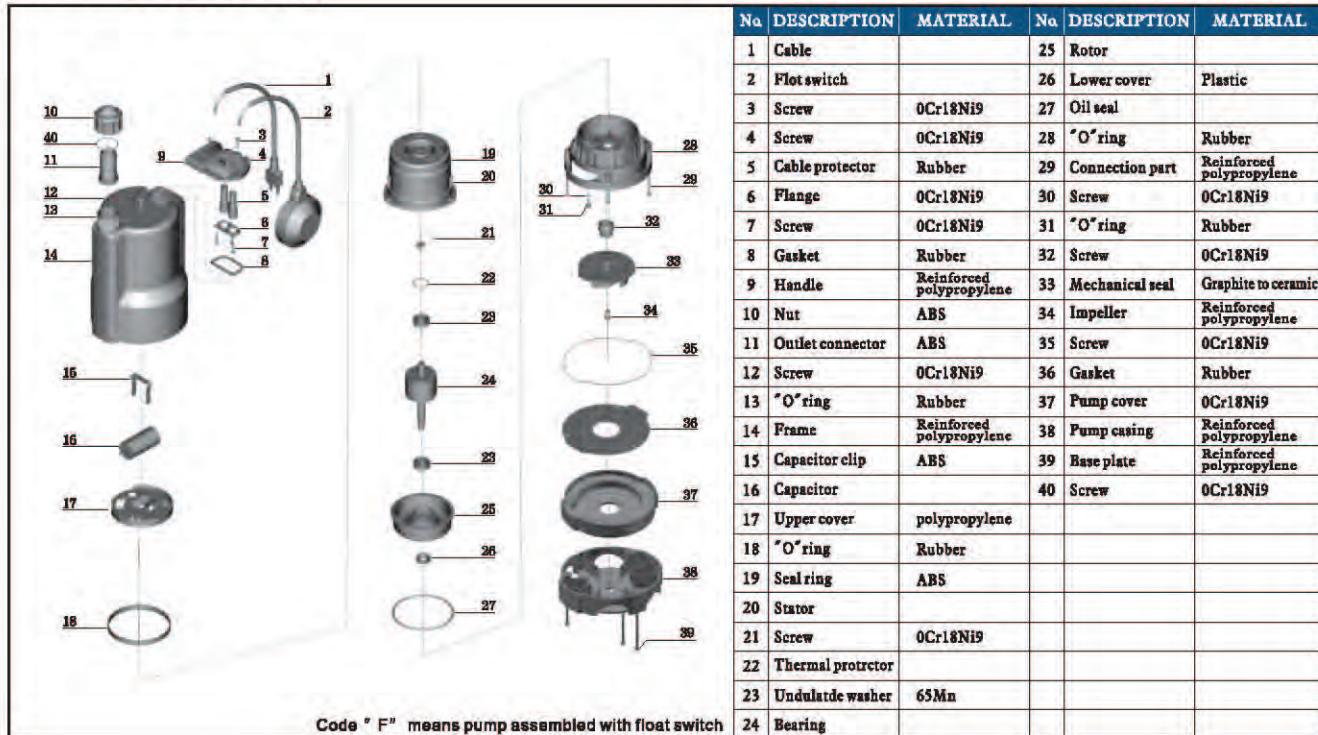
FEATURES AND APPLICATION:

Double cased submersible dewatering sump pump. The casing is made of reinforced polypropylene, and motor frame and fasteners are made of stainless steel for attractive lasting appearance and long service life. Double casing with full discharge flow past internal of motor shell enable pump to operate in partially submerged installation and better cooling for longer life. The pump is equipped with preset length float switch for automatic operation. Automatic resetting thermal overload protects motor from overloading. The pump with open impeller is able to pump small soft solid in suspension, they are ideal for application such as:

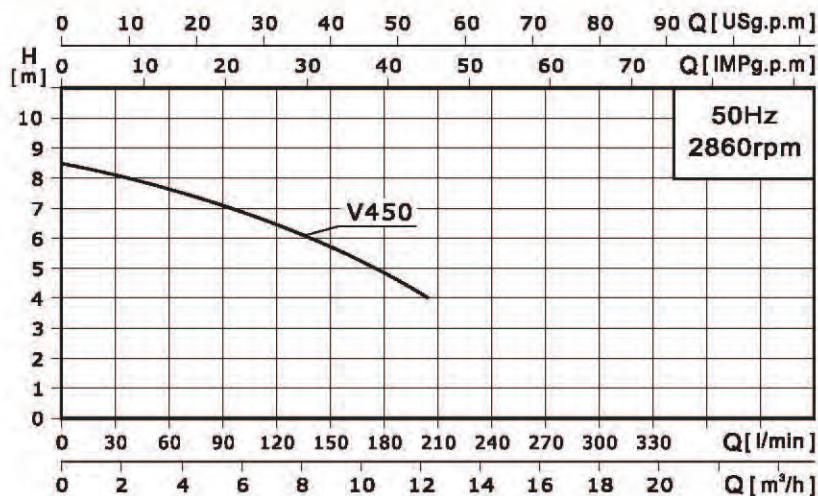
- Domestic rain or grey water for gardens • Sump emptying • Water transfer
- Emergency household flood relief • Pumping in partially submerged application.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
VP370	0.37	32	220 / 50	130	7.0	20	5.3	200 × 190 × 330

FRAME DIAGRAM:

V450F



OPERATION LIMITS:

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Sewage or grey water of neutral PH containing up to 10% of small soft organic solids.

FEATURES AND APPLICATION:

This advanced V series, single phase waste water pumps with high efficiency open multi-channel impeller are ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 25mm. The bottom suction design and abrasive resistance material made them very suitable for:

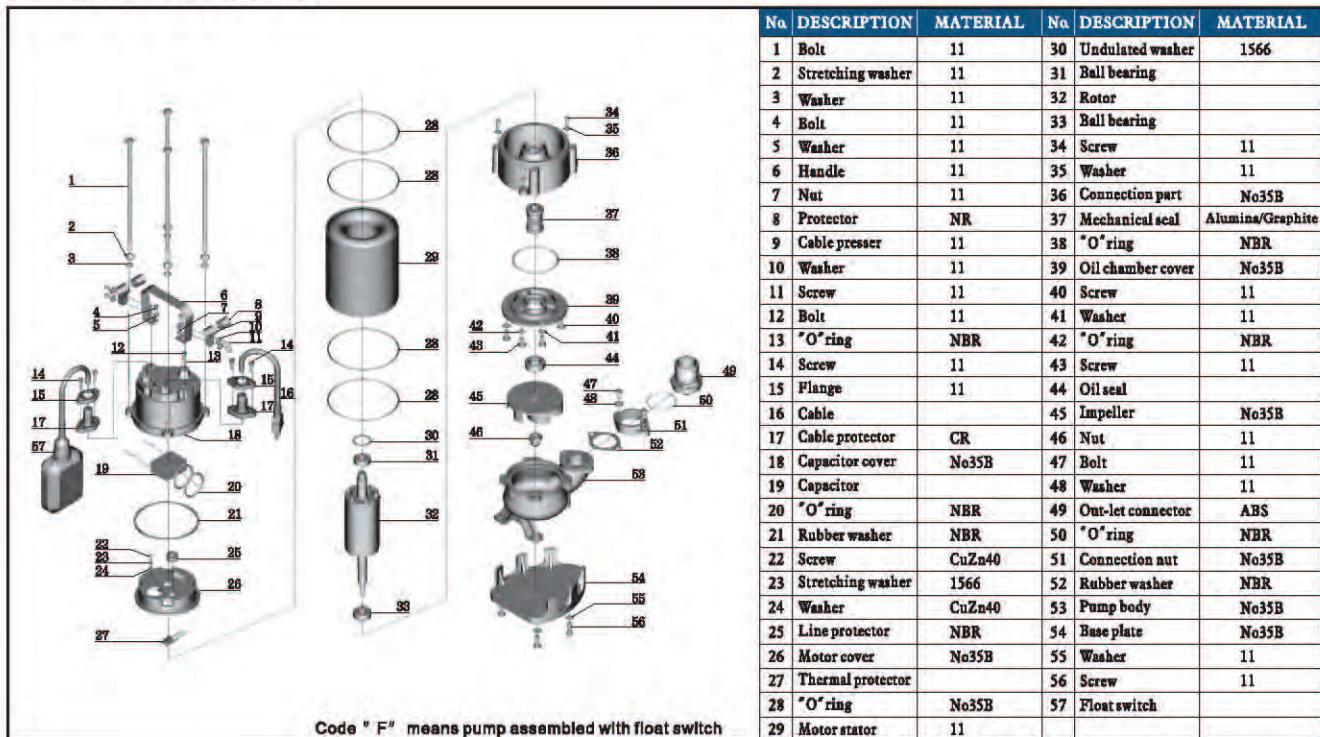
- Drainage of sewage from building basements and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.

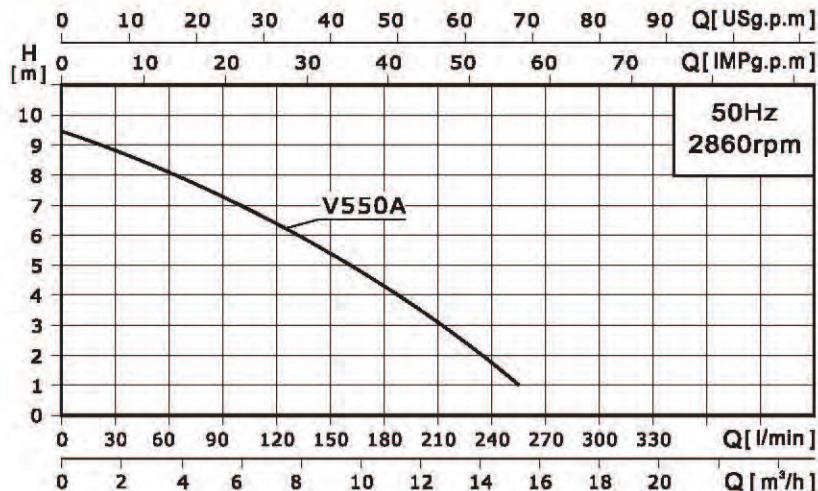
The float switch can automatically control on/off of pump with the change of the liquid level. Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
V450	0.45	50	220 / 50	200	8.5	25	18	255 x 195 x 495

FRAME DIAGRAM:



V550AF**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C;
3. Suitable Fluids: Sewage or grey water of neutral PH containing up to 10% of small soft organic solids.

FEATURES AND APPLICATION:

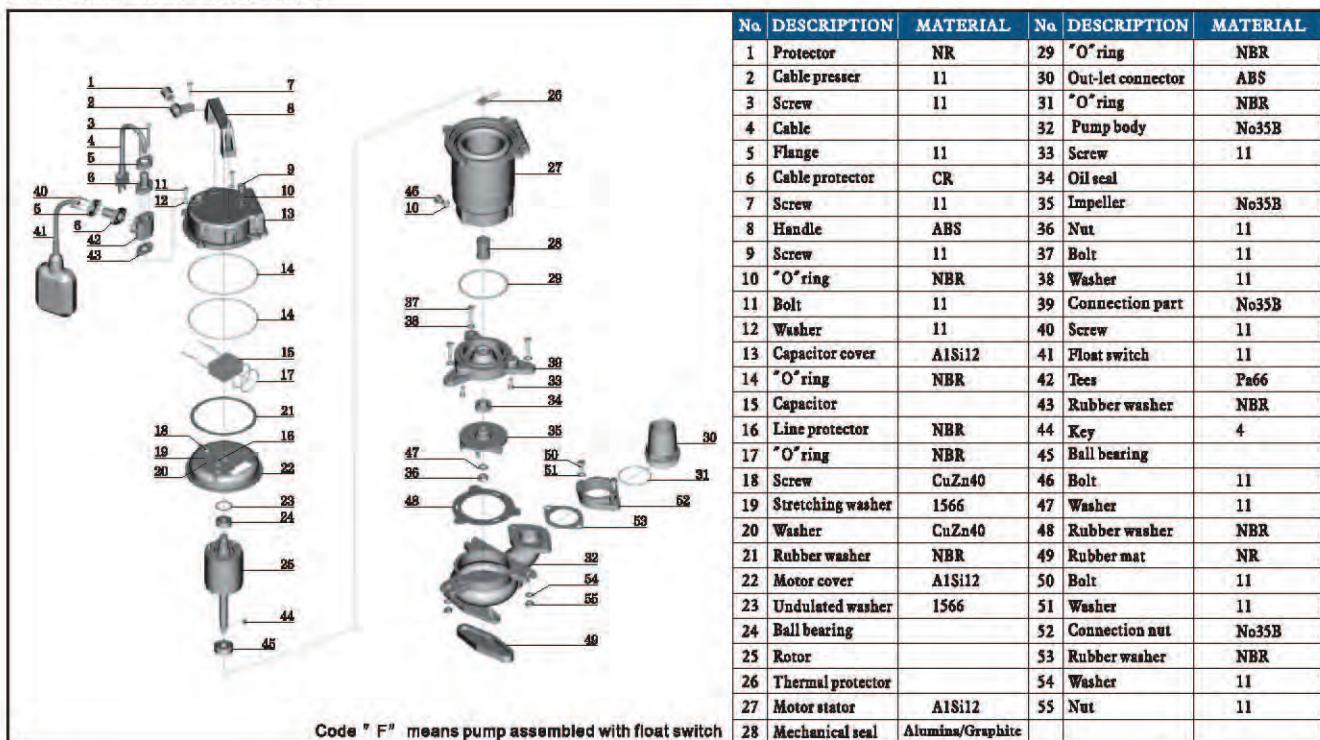
This advanced V series, single phase waste water pumps with high efficiency open multi-channel impeller are ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 15mm. The bottom suction design and abrasive resistance material made them very suitable for:

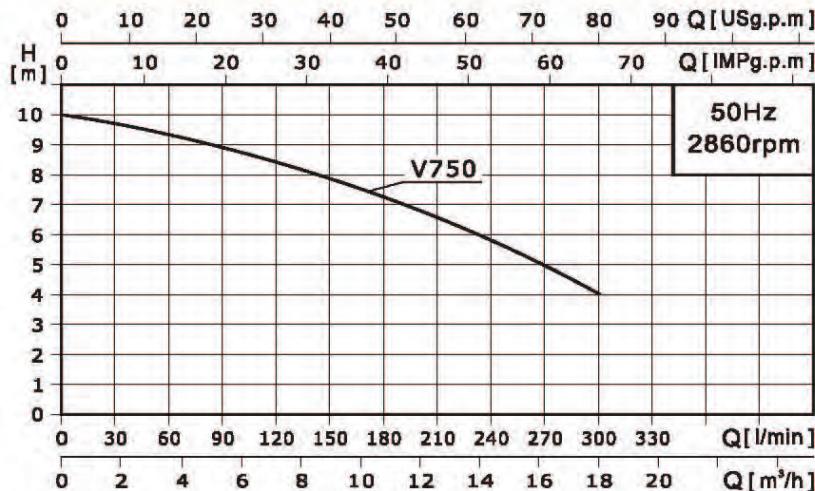
- Drainage of sewage from building basements and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.

The float switch can automatically control on/off of pump with the change of the liquid level. Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
V550A	0.55	32/40	220 / 50	260	9.5	15	14.5	245x220x405

FRAME DIAGRAM:

V750F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Sewage or grey water of neutral PH containing up to 10% of small soft organic solids.

FEATURES AND APPLICATION:

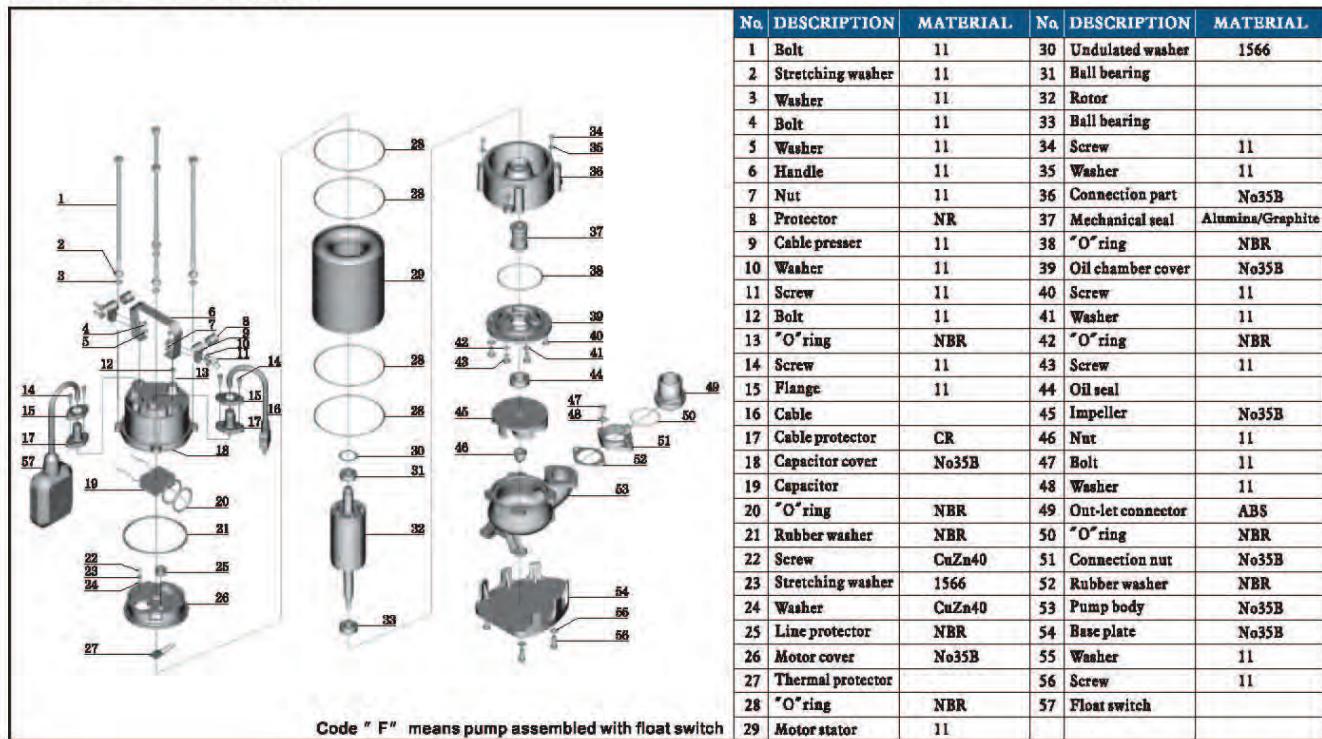
This advanced V series, single phase waste water pumps with high efficiency open multi-channel impeller are ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 25mm. The bottom suction design and abrasive resistance material made them very suitable for:

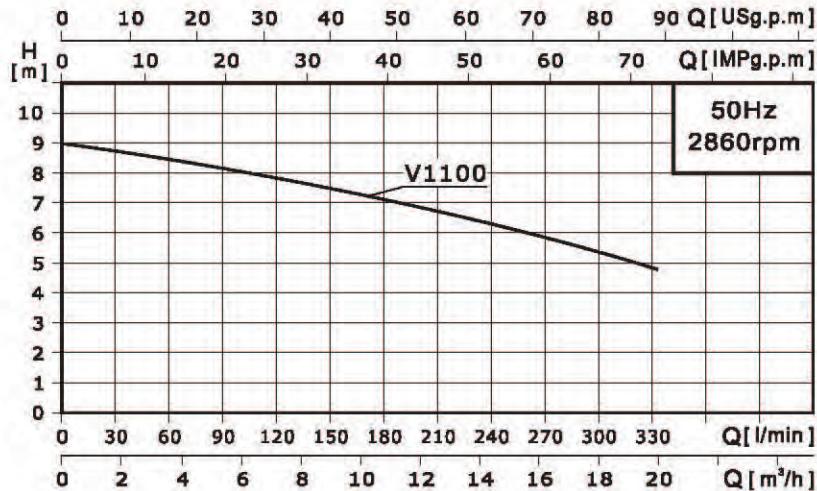
- Drainage of sewage from building basements and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.

The float switch can automatically control on/off of pump with the change of the liquid level. Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
V750	0.75	50	220 / 50	300	10	25	22	255×195×535

FRAME DIAGRAM:

V1100F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Sewage or grey water of neutral PH containing up to 10% of small soft organic solids.

FEATURES AND APPLICATION:

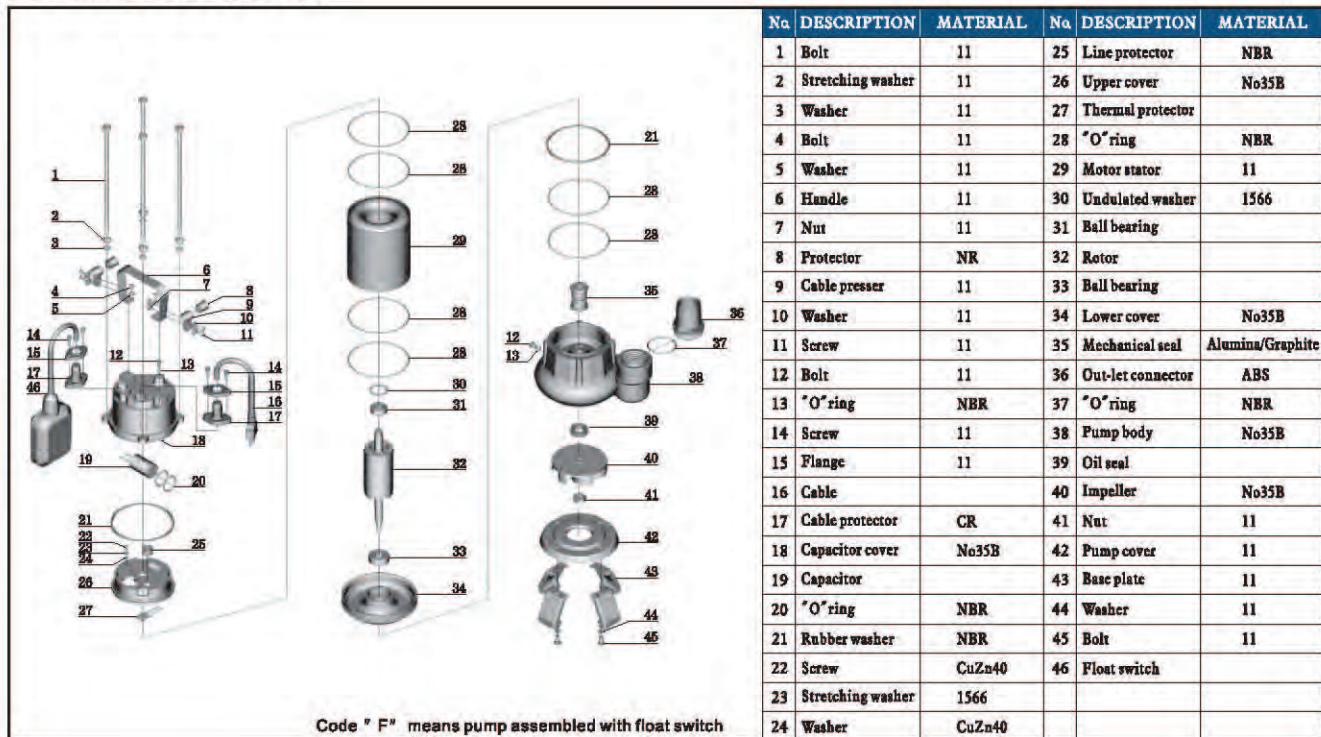
This advanced V series, single phase waste water pumps with high efficiency open multi-channel impeller are ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 35mm. The bottom suction design and abrasive resistance material made them very suitable for:

- Drainage of sewage from building basements and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.

The float switch can automatically control on/off of pump with the change of the liquid level. Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

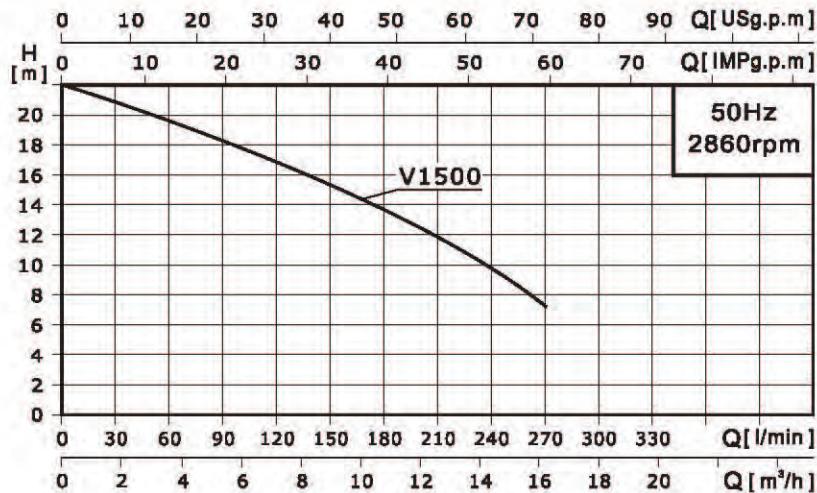
TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
V750	1.1	50	220 / 50	333	9.0	35	23.5	275 x 225 x 555

FRAME DIAGRAM:

V1500F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Sewage or grey water of neutral PH containing up to 10% of small soft organic solids.

**FEATURES AND APPLICATION:**

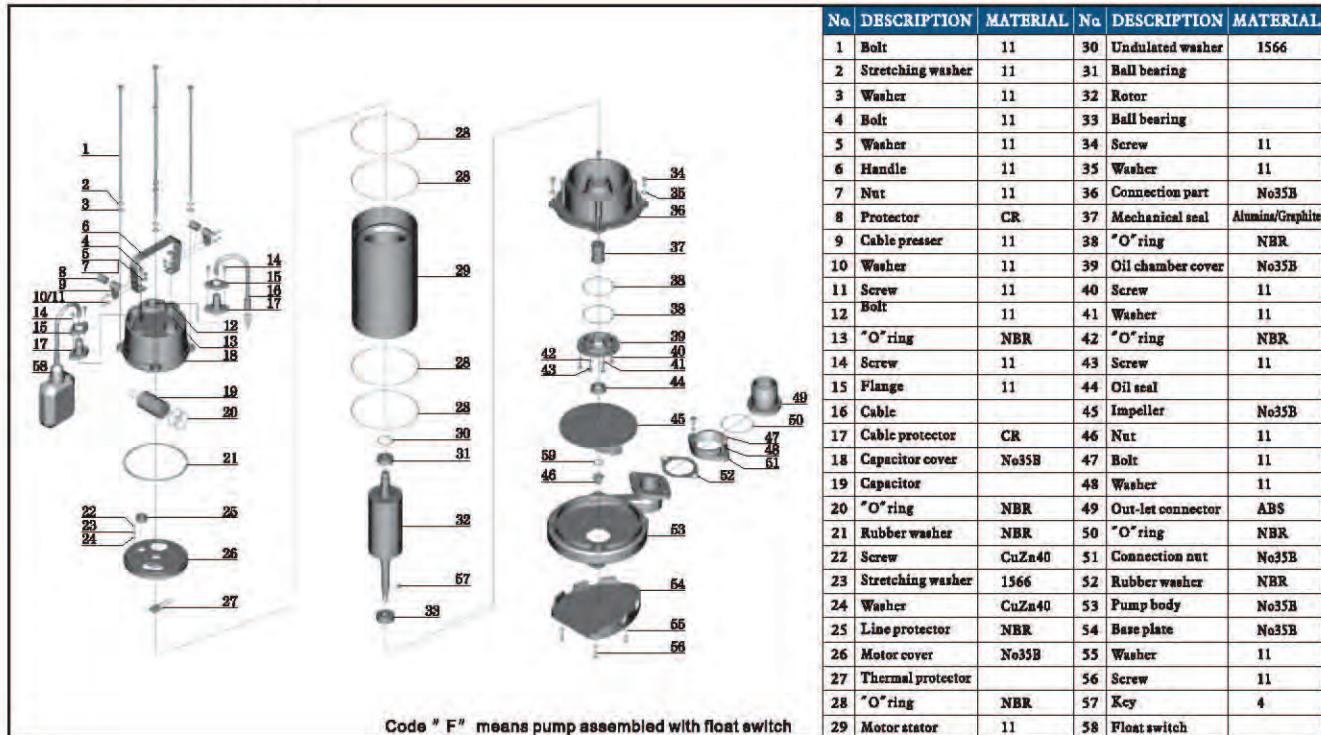
This advanced V series, single phase waste water pumps with high efficiency open multi-channel impeller are ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 10mm. The bottom suction design and abrasive resistance material made them very suitable for:

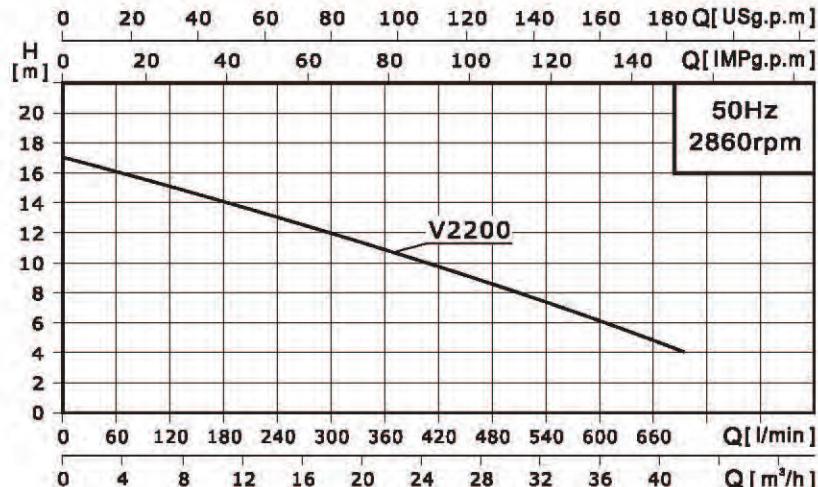
- Drainage of sewage from building basements and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.

The float switch can automatically control on/off of pump with the change of the liquid level. Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
V1500	1.5	40	220 / 50	270	22	10	27	585x350x245

FRAME DIAGRAM:

V2200F**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Sewage or grey water of neutral PH containing up to 10% of small soft organic solids.

FEATURES AND APPLICATION:

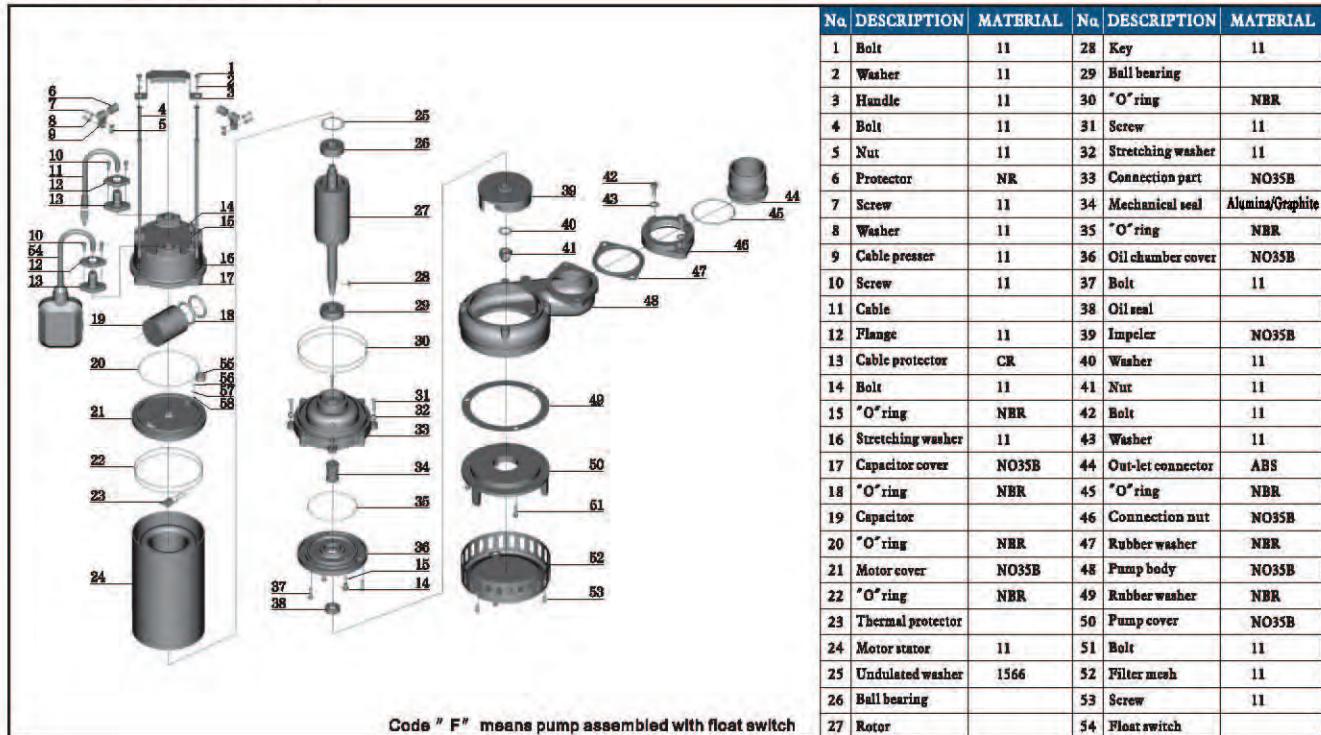
This advanced V series, single phase waste water pumps with high efficiency open multi-channel impeller are ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 20mm. The bottom suction design and abrasive resistance material made them very suitable for:

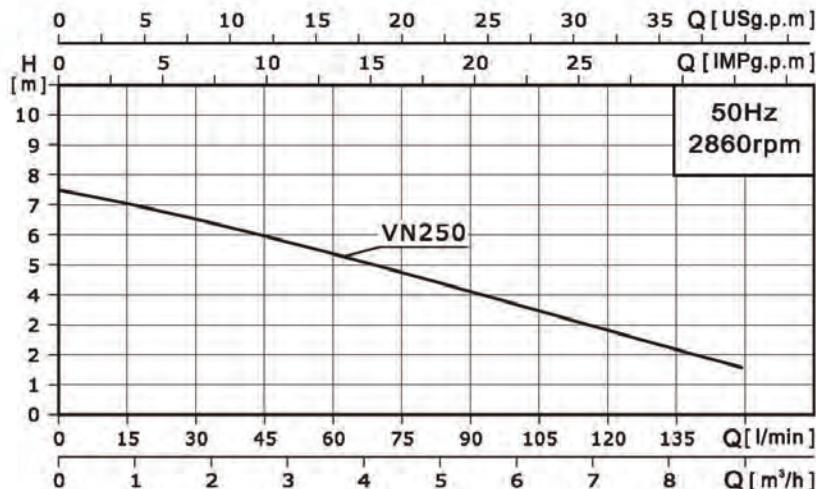
- Drainage of sewage from building basements and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.

The float switch can automatically control on/off of pump with the change of the liquid level. Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
V2200	2.2	75	220 / 50	700	17	20	35	585x350x245

FRAME DIAGRAM:

VN250**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Waste water or grey water of 4-10 PH containing up to 10% of small soft organic solids.

FEATURES AND APPLICATION:

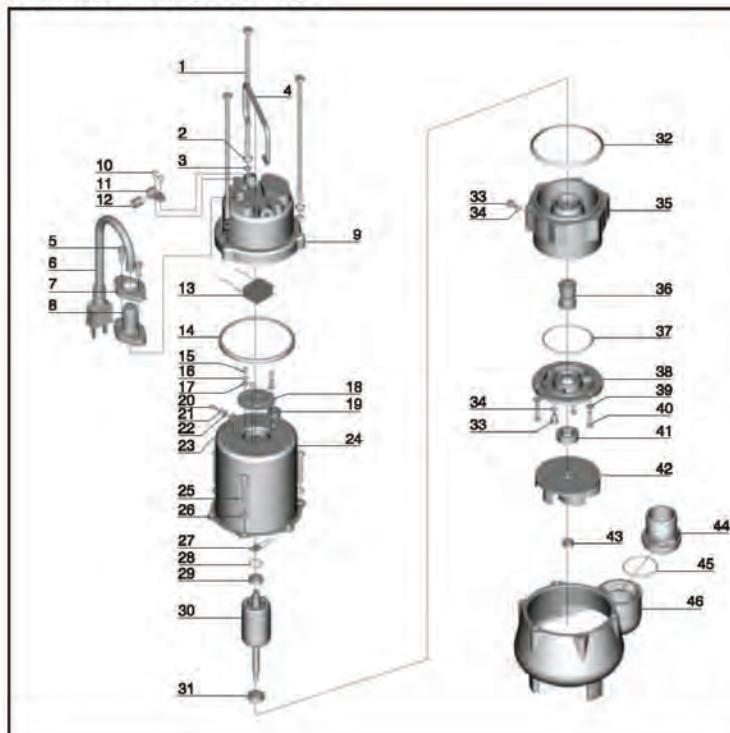
VN portable stainless steel submersible pump. This single phase waste water pumps with high efficiency open multi-channel impeller can be ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 15mm. The bottom suction design and abrasive resistance material made them very suitable for:

- Drainage of light chemical and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.
- Seawater in ship and fish farm.

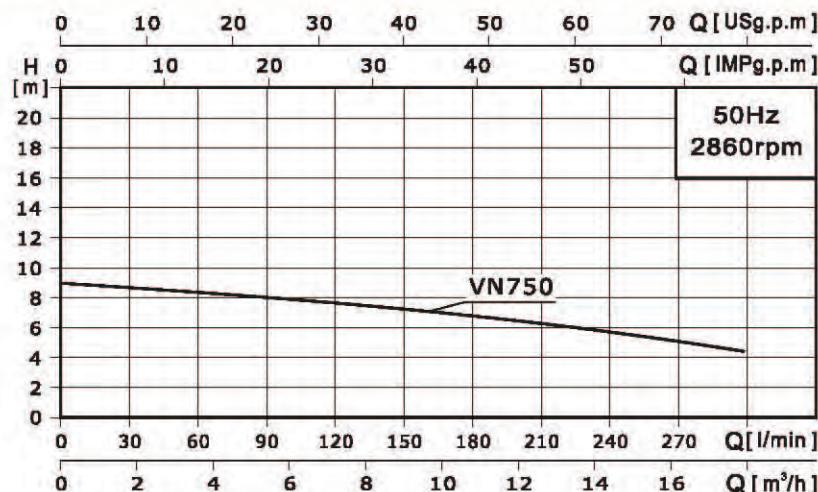
Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
VN250	0.25	40 / 32 / 25	220 / 50	150	7.5	15	10.5	185×180×380

FRAME DIAGRAM:

No	DESCRIPTION	MATERIAL	No	DESCRIPTION	MATERIAL
1	Bolt	11	25	Motor stator	11
2	Stretching washer	11	26	Screw	11
3	Washer	11	27	Stretching washer	11
4	Handle	11	28	Thermal protector	
5	Screw	11	29	Undulated washer	1566
6	Cable		30	Ball bearing	
7	Flange	11	31	Rotor	
8	Cable protector	CR	32	Ball bearing	
9	Capacitor cover	11	33	Rubber washer	FKM
10	Screw	11	34	Screw	11
11	Cable presser	11	35	"O"-ring	FKM
12	Protector	CR	36	Connection part	11
13	"O"-ring	NBR	37	Mechanical seal	Sic/Sic
14	Capacitor		38	"O"-ring	FKM
15	Rubber washer	FKM	39	Oil chamber cover	11
16	Screw	Fe360A	40	Washer	11
17	Stretching washer	1566	41	Screw	11
18	Washer	Fe360A	42	Oil seal	
19	Press plate	Fe360A	43	Impeller	11
20	Line protector	NBR	44	Nut	11
21	Screw	CuZn40	45	Out-let connector	ABS
22	Stretching washer	1566	46	"O"-ring	FKM
23	Washer	CuZn40	47	Pump body	11
24	Nut	11			

VN750**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Waste water or grey water of 4-10 PH containing up to 10% of small soft organic solids.

FEATURES AND APPLICATION:

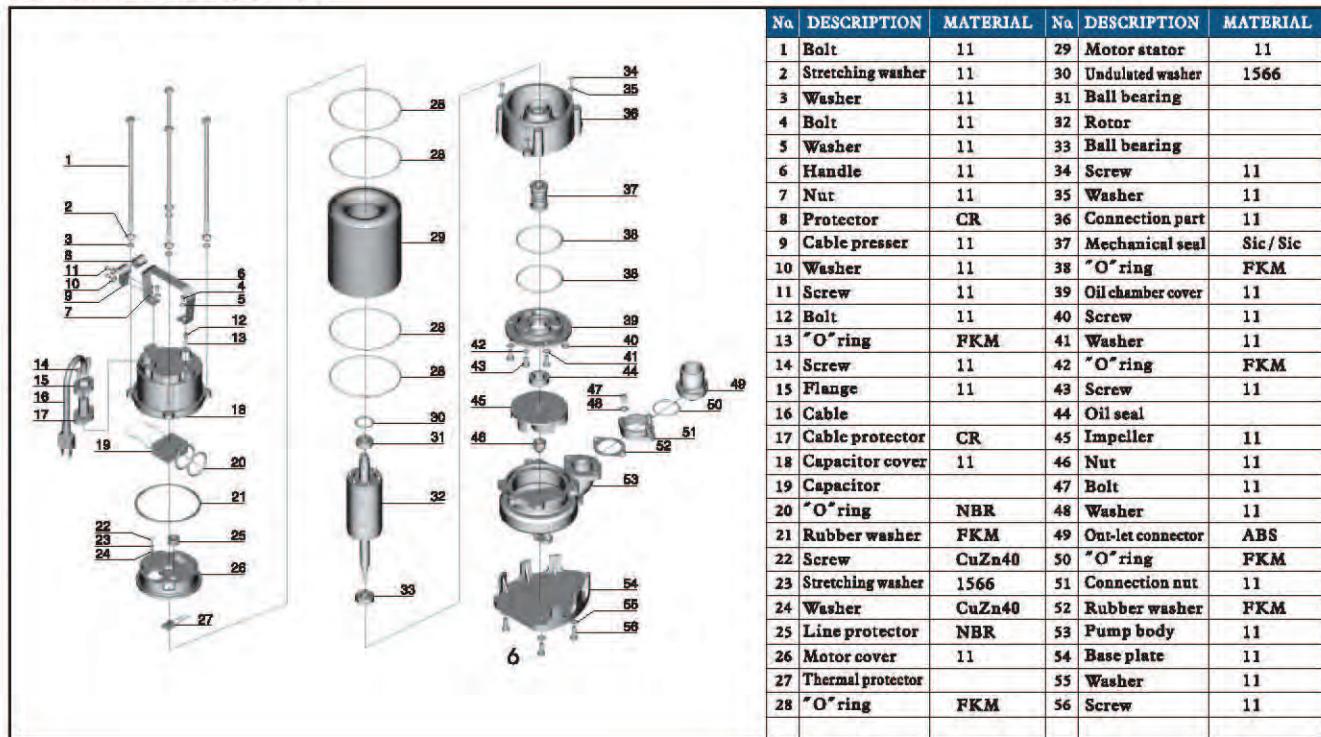
VN portable stainless steel submersible pump. This single phase waste water pumps with high efficiency open multi-channel impeller can be ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 25mm. The bottom suction design and abrasive resistance material made them very suitable for:

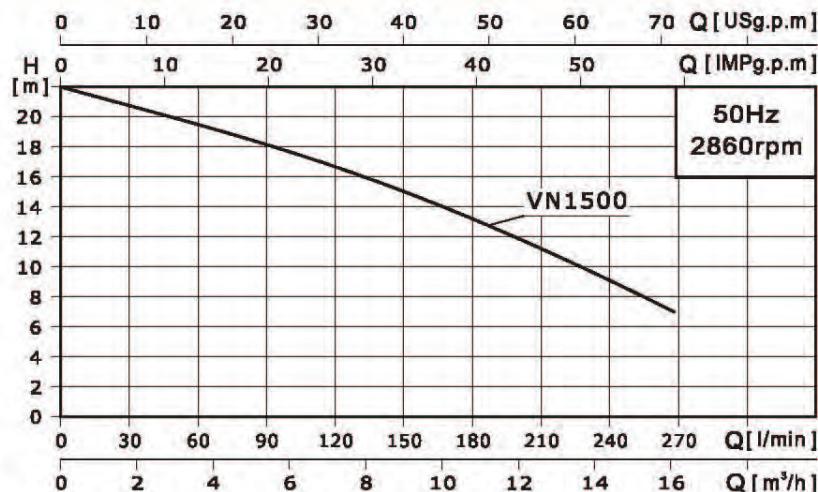
- Drainage of light chemical and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.
- Seawater in ship and fish farm.

Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
VN750	0.75	50	220 / 50	300	12	25	22	255 x 195 x 535

FRAME DIAGRAM:

VN1500**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids: Waste water or grey water of 4-10 PH containing up to 10% of small soft organic solids.

FEATURES AND APPLICATION:

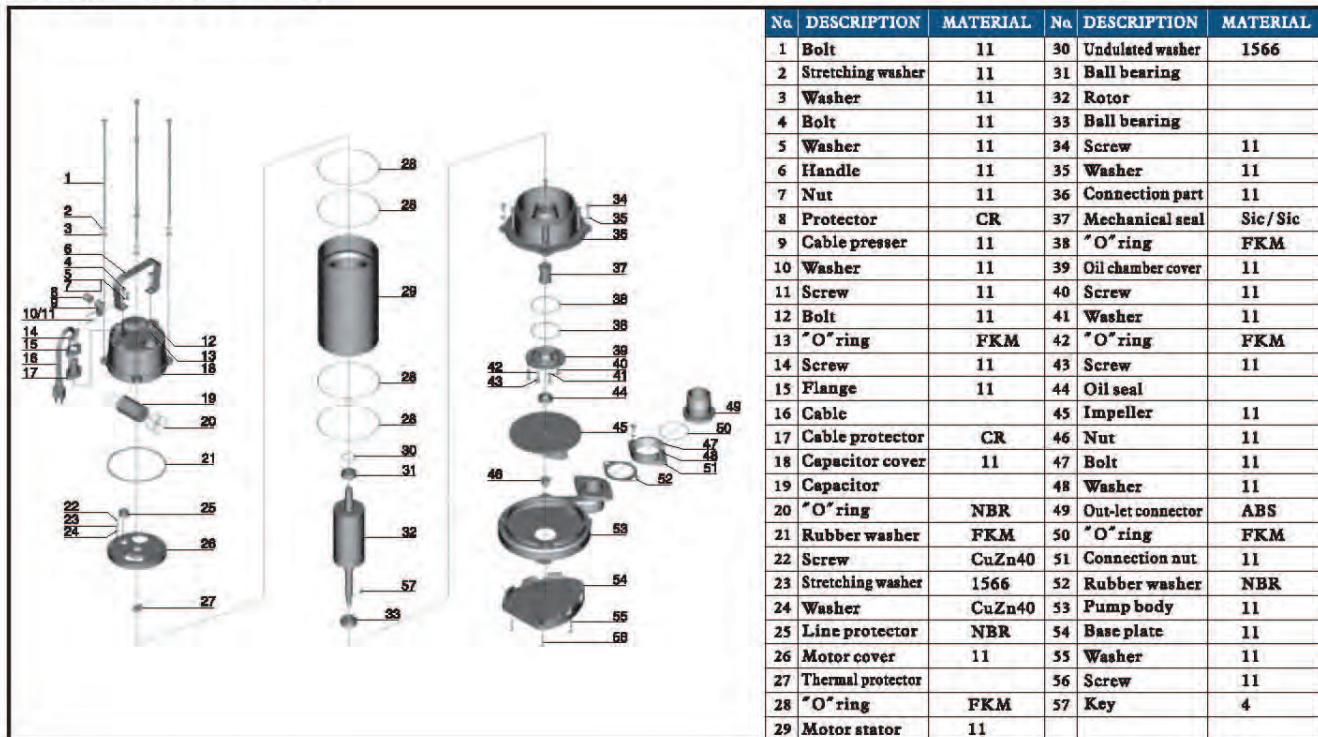
VN portable stainless steel submersible pump. This single phase waste water pumps with high efficiency open multi-channel impeller can be ideal for pumping dirty water with slight soiled liquids. The maximum solid size is 10mm. The bottom suction design and abrasive resistance material made them very suitable for:

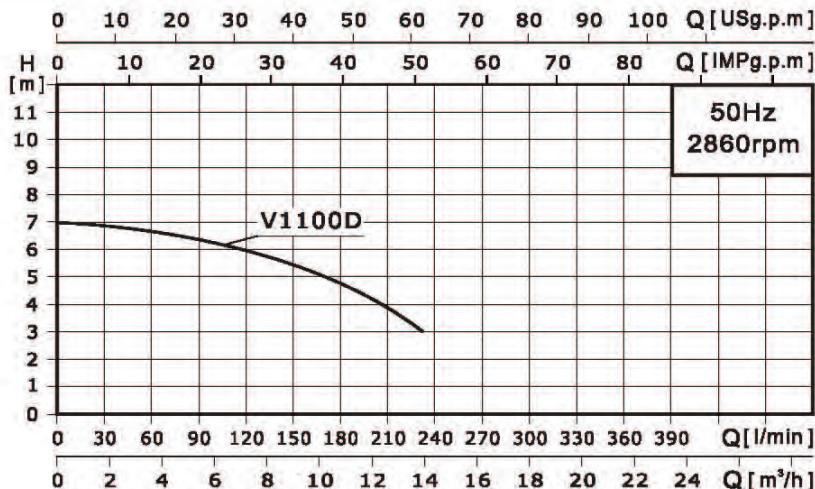
- Drainage of light chemical and waste water from factories.
- Emptying of septic tanks and sump.
- Pumping surface and drainage water from garage.
- Seawater in ship and fish farm.

Equipped with automatic reset protection. Power is automatically cut off when overload or over heat.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
VN1500	1.5	40	220 / 50	270	22	10	28.5	585×350×245

FRAME DIAGRAM:

V1100DF**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids:
Semi screened sewage or waste water of neutral PH containing up to 20% small soft solids or 1% string like solids.

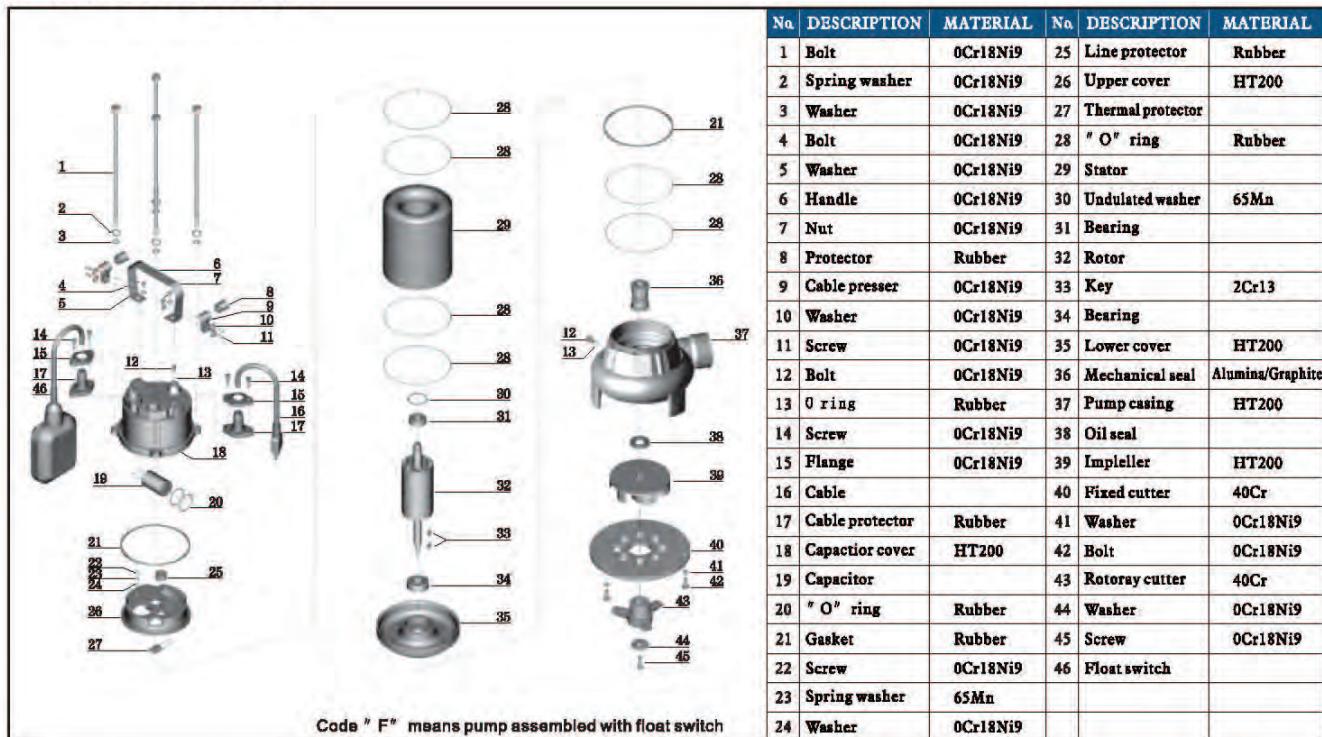
FEATURES AND APPLICATION:

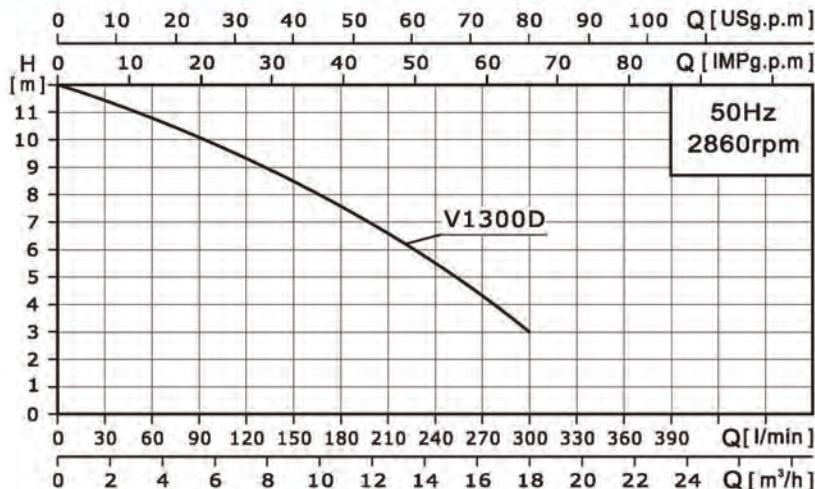
Submersible sewage pump with a high speed rotating cutter assembled at the pump inlet, made it easy to cut off all long-fiber and soft solids to entering the pump. Open impeller prevent blockage of the pump and small solid allow connection to small discharge pipe. The pump is equipped with float switch for automatic operation and automatic resetting thermal overload for overload protection. The pump is ideal for:

- Waste water pumping with long fiber and soft solid...
- Septic effluent & sewage waste disposal.
- Sump emptying.
- Kitchen waste water disposal.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
V1100D	1.1	50	220 / 50	233	7	22.5	565 x 305 x 245

FRAME DIAGRAM:

V1300DF**OPERATION LIMITS:**

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids:
Semi screened sewage or waste water of neutral PH containing up to 20% small soft solids or 1% string like solids.

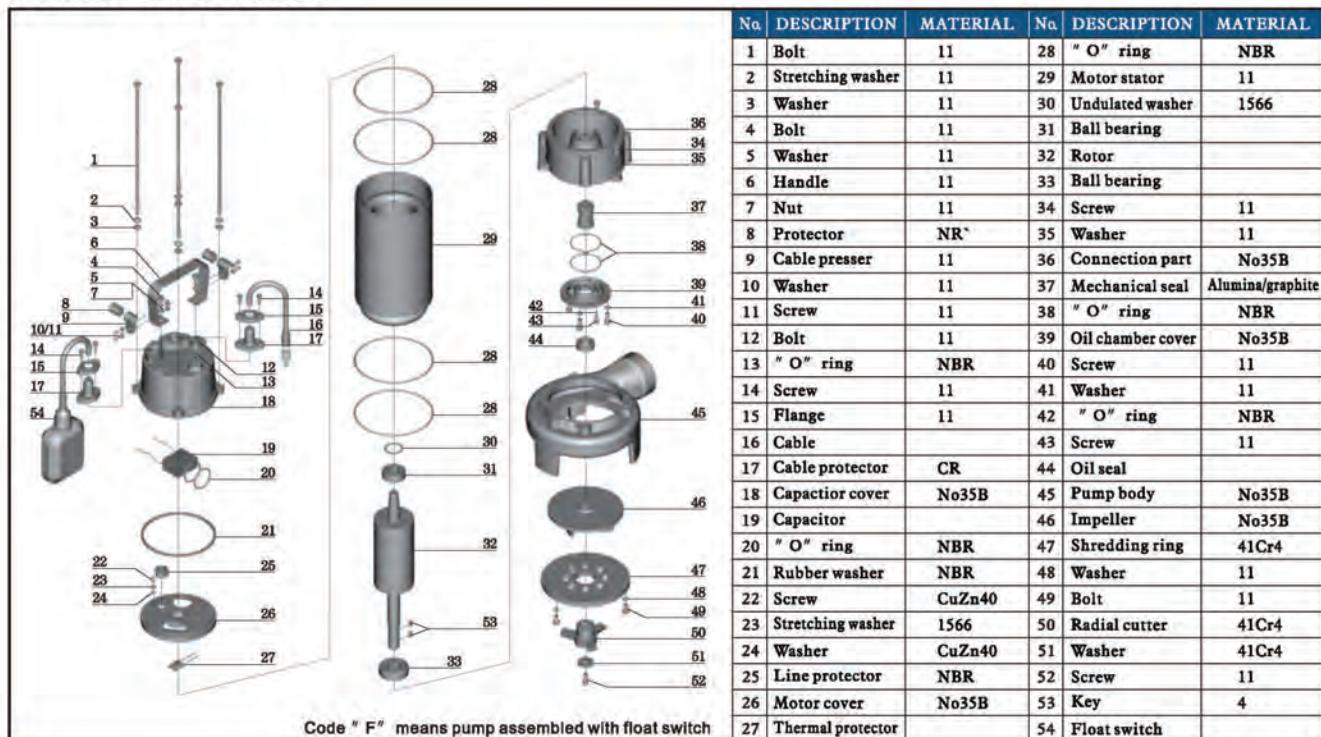
FEATURES AND APPLICATION:

Submersible sewage pump with a high speed rotating cutter assembled at the pump inlet, made it easy to cut off all long-fiber and soft solids to entering the pump. Open impeller prevent blockage of the pump and small solid allow connection to small discharge pipe. The pump is equipped with float switch for automatic operation and automatic resetting thermal overload for overload protection. The pump is ideal for:

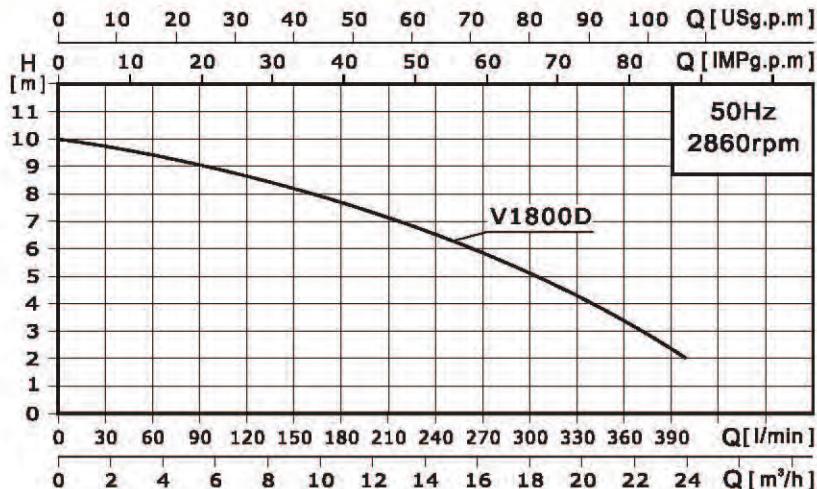
- Waste water pumping with long fiber and soft solid...
- Septic effluent & sewage waste disposal.
- Sump emptying.
- Kitchen waste water disposal.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
V1300D	1.3	50	220 / 50	300	12	25.5	585 × 350 × 245

FRAME DIAGRAM:

V1800DF



OPERATION LIMITS:

1. Maximum submergence: 5 meter
2. Maximum operating temp: 40°C
3. Suitable Fluids:
Semi screened sewage or waste water of neutral PH containing up to 20% small soft solids or 1% string like solids.

FEATURES AND APPLICATION:

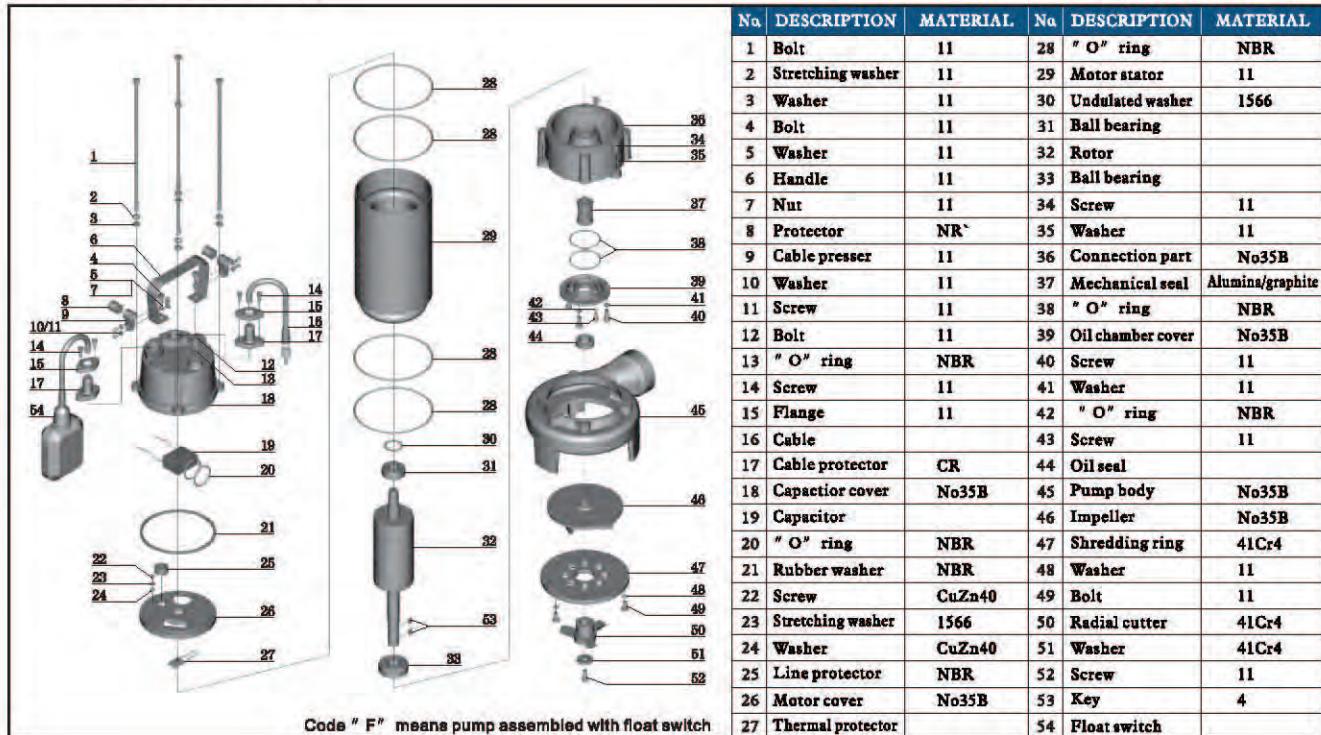
Submersible sewage pump with a high speed rotating cutter assembled at the pump inlet, made it easy to cut off all long-fiber and soft solids to entering the pump. Open impeller prevent blockage of the pump and small solid allow connection to small discharge pipe. The pump is equipped with float switch for automatic operation and automatic resetting thermal overload for overload protection. The pump is ideal for:

- Waste water pumping with long fiber and soft solid...
- Septic effluent & sewage waste disposal.
- Sump emptying.
- Kitchen waste water disposal.

TECHNICAL DATA:

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [l/min]	Max.head [m]	G.W. [kg]	Dimensions [mm]
V1800D	1.8	75	220 / 50	400	10	32.0	585 × 350 × 245

FRAME DIAGRAM:

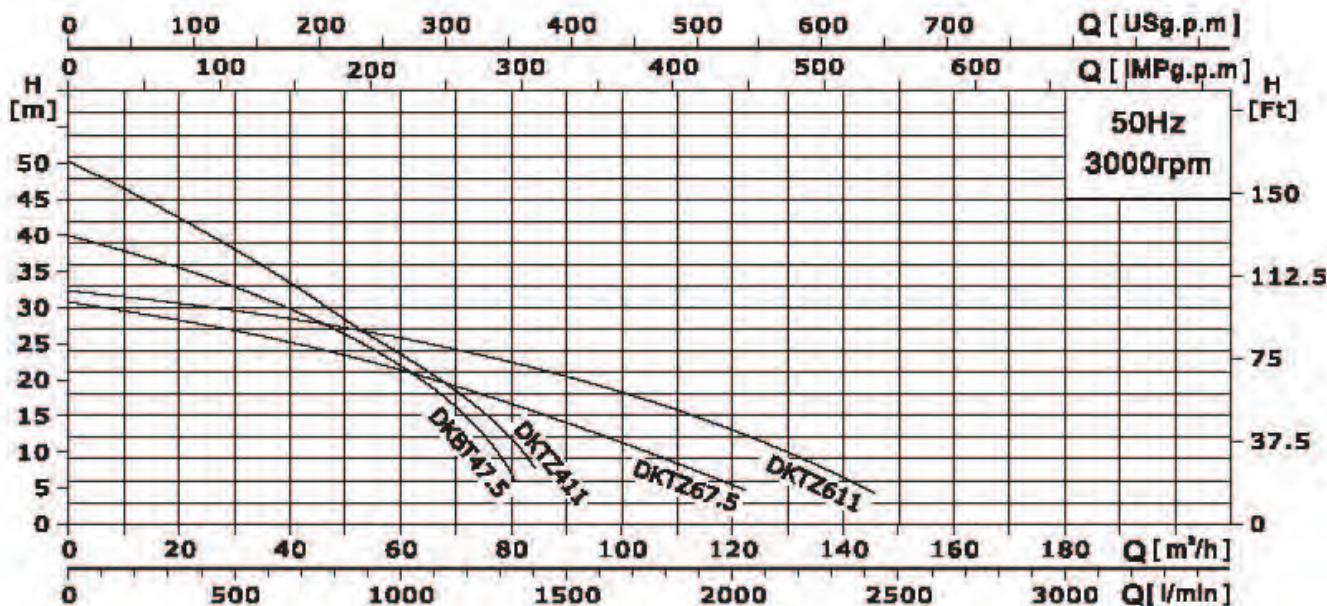
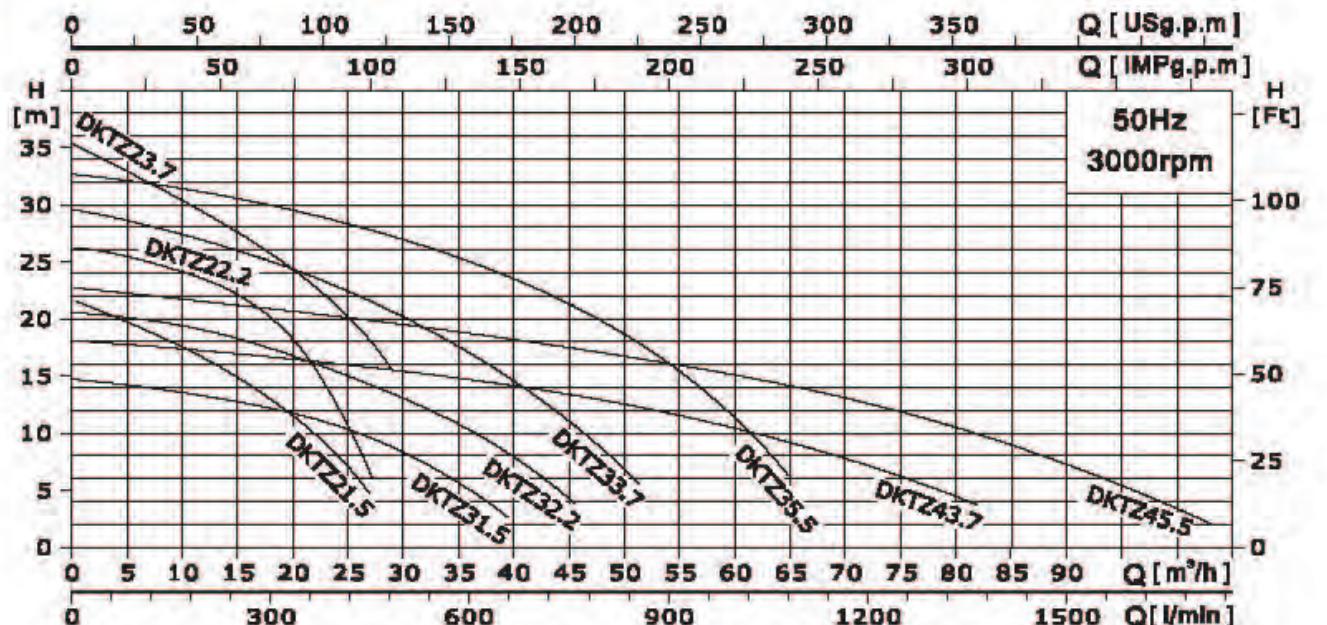


DKTZ**FEATURES:**

Heavy duty construction for long lasting durability.
Water jacket with axial flow for superior cooling.
Double mechanical seal for maximum submerge depth (50meter) and reliability.
Heavy duty wear resistance impeller & wearplate.
Agitator (option) to create mixing action at pump inlet.
Top discharge for space saving.
IP 68 motor protection, with thermal protection.

APPLICATION:**(WATER/SLUDGE/SLURRY PUMPING)**

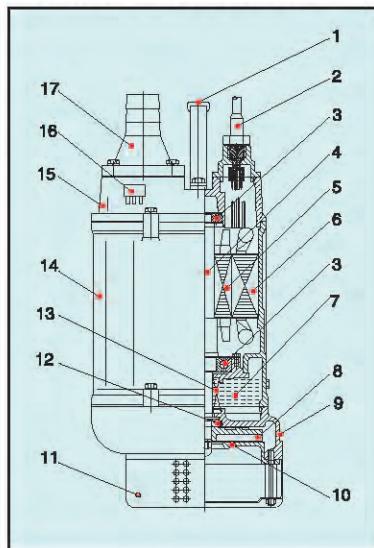
Ground and Nuisance water removal.
Drainage from dams, Sewer, systems, tunnels and construction site.
Muddy liquid at civil engineering site.



TECHNICAL DATA:

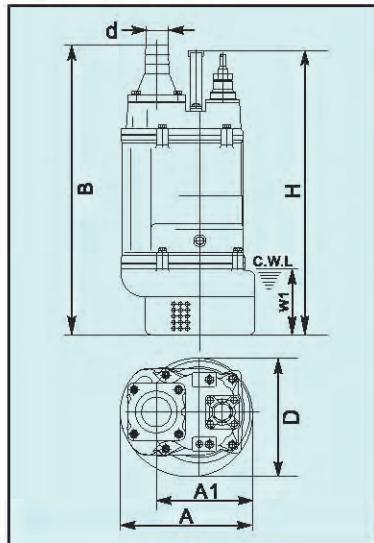
Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [m³/h]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
DKTZ21.5	1.5	50	380 / 50	27	22	8.5	37	590×290×250
DKTZ22.2	2.2	50	380 / 50	27	26	8.5	39	590×290×250
DKTZ23.7	3.7	50	380 / 50	29	34	8.5	65	684×334×397
DKTZ31.5	1.5	80	380 / 50	40	14.5	8.5	37	590×290×250
DKTZ32.2	2.2	80	380 / 50	50	21	8.5	39	590×290×250
DKTZ33.7	3.7	80	380 / 50	55	29	8.5	65	684×334×397
DKTZ35.5	5.5	80	380 / 50	70	32	8.5	84	731×366×405
DKTZ43.7	3.7	100	380 / 50	5	18	8.5	66	702×344×397
DKTZ45.5	5.5	100	380 / 50	7.5	23	8.5	85	746×366×405
DKTZ47.5	7.5	100	380 / 50	10	40	11.5	114	824×390×459
DKTZ411	11	100	380 / 50	15	48.5	11.5	140	867×430×495
DKTZ67.5	7.5	150	380 / 50	10	31	19.5	114	850×390×459
DKTZ611	11	150	380 / 50	15	32	19.5	143	867×430×495

FRAME DIAGRAM:



No.	DESCRIPTION	MATERIAL	No.	DESCRIPTION	MATERIAL
1	Handle	Rubber&Steel	10	End Plate	Ductile iron
2	Cable	2PNCT-F	11	Filter	Steel
3	Bearing	Ball Bearing	12	Oil seal bracket	Sic-sic Carbon-ceramics
4	Shaft	AISI420SS	13	Mechanical	
5	Rotor		14	Motor body	Cast iron
6	Stator		15	Upper cove	Cast iron
7	Lube oil		16	Motor protector	
8	Impeller	High chrome alloy or ductile iron	17	Hose coupling	Cast iron
9	Pump	Cast iron			

DIMENSION:



Model	d	A	A1	B	D	H	W1
DKTZ21.5	50	235	173	517	216	486	120
DKTZ22.2	80	235	173	517	216	486	120
DKTZ23.7	50	235	173	517	216	486	120
DKTZ31.5	80	235	173	517	216	486	120
DKTZ32.2	50	283	208	628	252	638	150
DKTZ33.7	80	283	208	628	252	638	150
DKTZ35.5	100	283	208	642	252	688	150
DKTZ43.7	80	306	218	671	259	688	150
DKTZ45.5	100	306	218	686	259	688	150
DKTZ47.5	100	330	240	764	314	676	190
DKTZ411	100	373	255	807	350	695	190
DKTZ67.5	150	330	240	790	314	676	190
DKTZ611	150	373	255	807	350	695	190

DKRS**FEATURES AND APPLICATION:**

Submersible slurry pumps with a 4-pole motor for an increased lifetime and greater convenience.

DKRS-based extra powered submersible slurry pumps with agitator.

Slim design with a top discharge enabling installation in smaller casings. For bentonite mixed water in foundation works or muddy water in civil engineering works.

- Civil engineering
- Mines, quarries, coal ore&slurries
- Sewage treatment plants
- General pumping purposes
- Pumping fluid: sludge, sludge, liquids containing mud and/or bentonite

SPECIFICATION:

Capacity: up to 3.23 m³/min

Head: up to 22 m

Discharge: 80mm (3") to 150mm (6")

Power: 4Kw(5-1/3 HP)to 9Kw(12 HP)

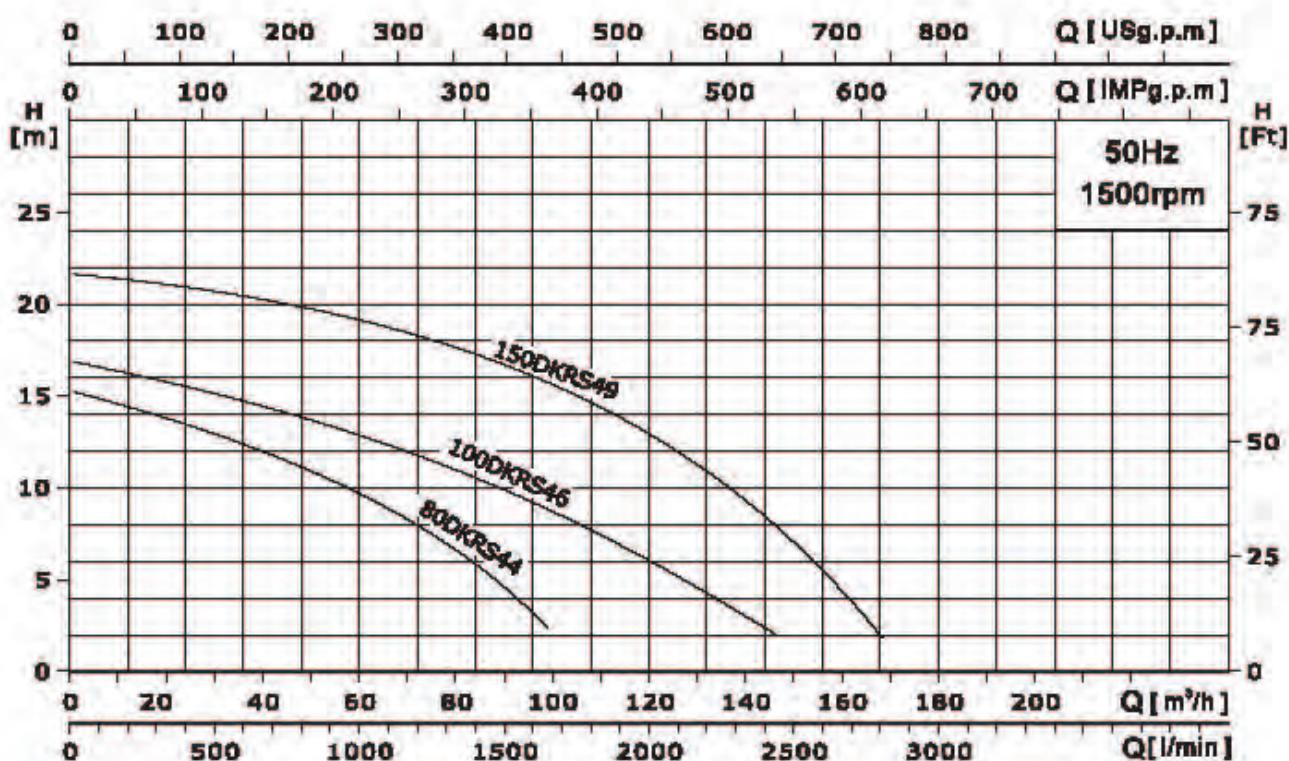
Power supply: three phase 380V±10%

Insulation class: F

Cable: length 8m

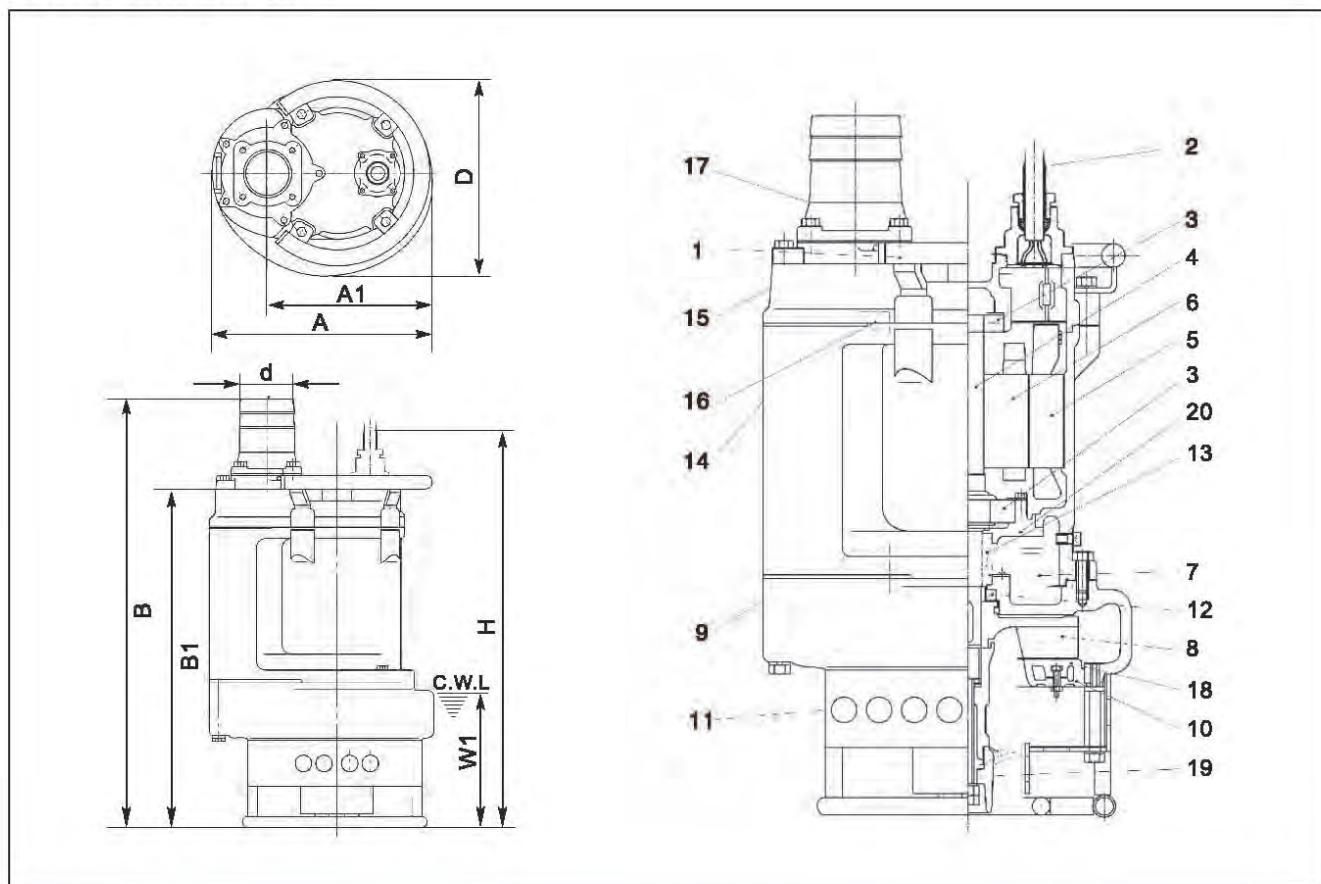
Water temperature: up to 40°C

Max.water depth: 30m

**TECHNICAL DATA:**

Model	Power [kW]	Outlet diameter [mm]	Voltage [V/Hz]	Max.flow [m ³ /h]	Max.head [m]	Max.diameter of [mm]	G.W. [kg]	Dimensions [mm]
80DKRS44	4.0	80	380 / 50	100	14.8	30	113	830x415x470
100DKRS46	6.0	100	380 / 50	150	16.9	30	156	915x475x520
150DKRS49	9.0	150	380 / 50	172	21.5	30	185	935x500x555

FRAME DIAGRAM:

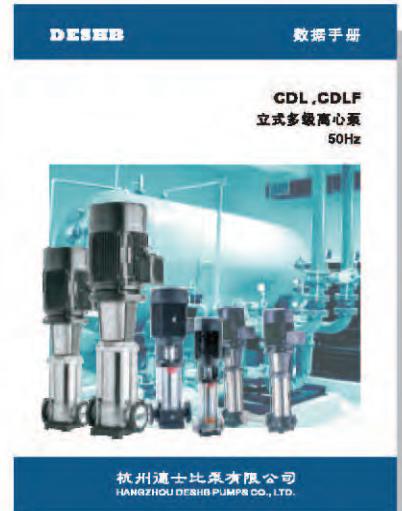
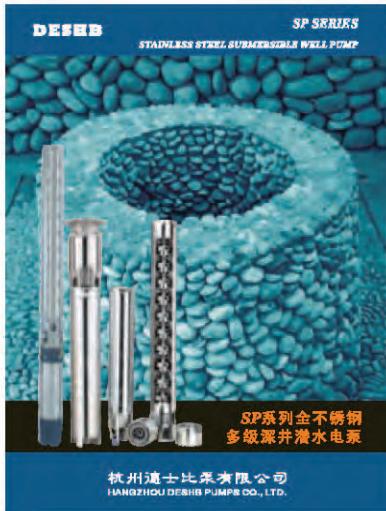


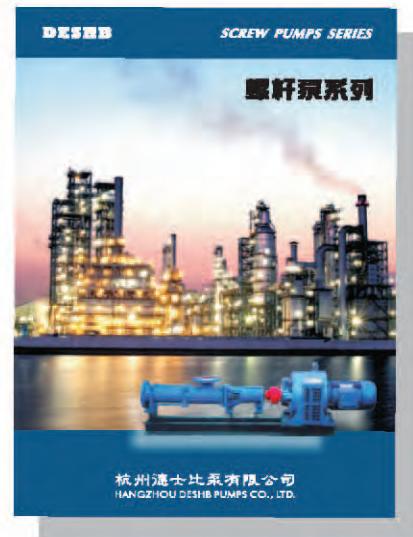
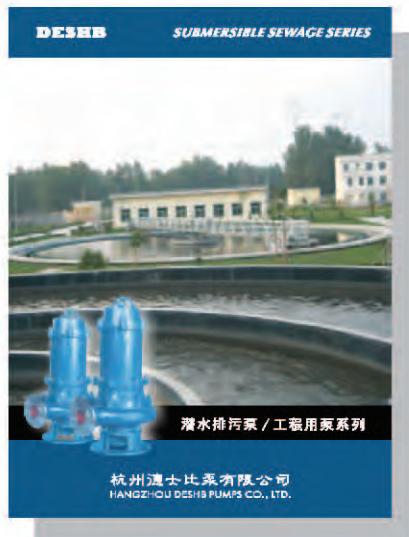
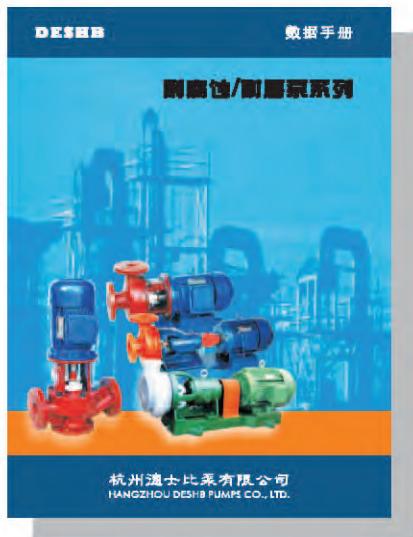
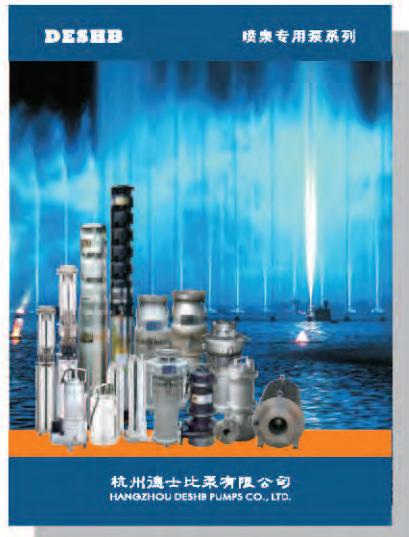
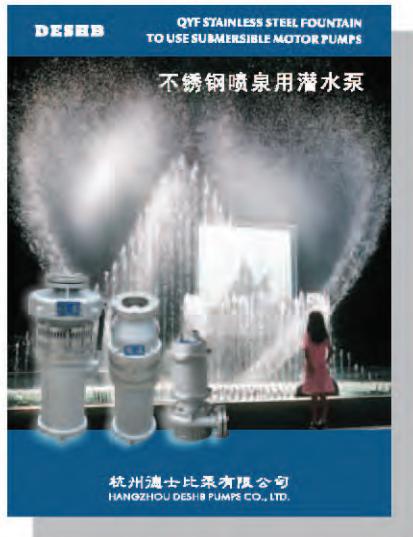
No.	DESCRIPTION	MATERIAL	No.	DESCRIPTION	MATERIAL
1	Handle	Rubber&Steel	11	Filter	Steel
2	Cable	2PNCT-F	12	Oil seal bracket	
3	Bearing	Ball Bearing	13	Mechanical seal	Sic-sic
4	Shaft	AISI420SS	14	Motor body	Cast iron
5	Rotor		15	Upper cove	Cast iron
6	Stator		16	Motor protector	
7	Lube oil		17	Hose coupling	Cast iron
8	Impeller	Chromium iron casting	18	Suction plate	Cast iron
9	Pump body	Cast iron	19	Agitator	Chromium iron casting
10	End Plate	Cast iron	20	Bearing house	Ductile iron

DIMENSION:

Model	d	A	A1	B	B1	D	H	W1
80DKRS44	80	350	260	765	666	326	730	250
100DKRS46	100	415	305	848	688	373	730	250
150DKRS49	150	434	324	869	709	407	776	250

DESHB PRODUT





WE RESEVE THE RIGHT TO CHANGE THE SPECIFICATION AND DESIGNS FOR IMPROVEMENT
WITHOUT PRIOR NOTICE.

HANGZHOU DESHB PUMPS CO.,LTD.

Add: Zhongtai Industrial Zone,
Yuhang Hangzhou City

Tel: +86 571 2882 2530 8800 6220

Fax: +86 571 2882 2531 8800 6221

[Http: //www.dsbpump.com](http://www.dsbpump.com)

P/N: 2010030809