

SONHO PUMP

SONHO PUMP, reliable submersible pump.

2023/08
50Hz



SONHO



台正字第8365號

SONHO PUMP is a submersible pump manufacturer who accumulates more than twenty-eight-year experience in the field for developing and manufacturing.

To deliver sincere customer service, reliable products and innovative techniques has led **SONHO PUMP** to step a great progress in previous years.

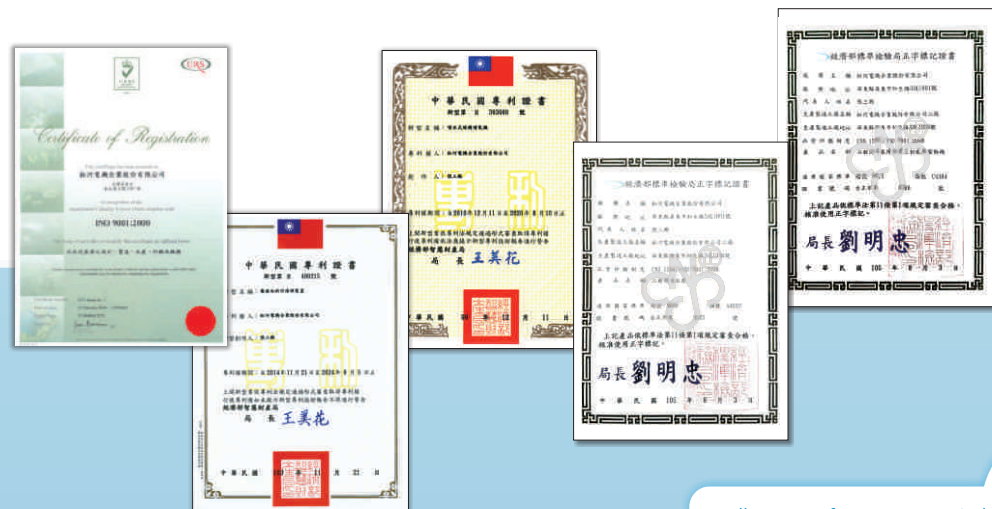
Nowadays, we provide more than 20 main categories of dependable pumps to worldwide; also perform a role as an original equipment manufacturer (OEM) to provide high quality pumps according to customized requirements and create long-term collaborations depend upon customers' continued success.

Our major markets include Taiwan, Asia, Middle East, USA, Europe and Mainland China; pumps are applied in water treatment, agriculture, irrigation, mining, quarries, dams, ponds and aquaculture, construction and industry...etc.

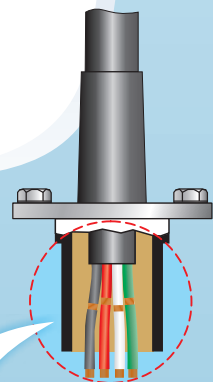
First Factory



Second Factory



To all ranges of pumps are suitable for continuous immersion in water, inner cable wires and cable base are upgraded by filling EPOXY to completely raise humidity-resistance and water-resistance.



EF/BF
Series
P.01

Sewage Pump
1HP~15HP / 2"~4"



BAF
Series
P.02

Septic Tank Pump
1/2HP~7 1/2 HP / 2"~4"



EA/BA
Series
P.03
P.04

Wastewater Pump
0.2HP~15HP / 20mm~4"



BAS
Series
P.05

Wastewater Pump
2HP~7 1/2 HP / 3"~4"



BFS/BCF
Series
P.06

Sewage Pump
Non-Clogging Pump
2HP~7 1/2 HP / 3"~4"



BU
Series
P.07

High Head Water Pump
1HP~7 1/2 HP / 1"~3"



BF-4P
Series
P.08

Sewage Pump
3HP~30HP / 3"~8"



KF
Series
P.09

Stainless Steel
Sewage Pump
0.5kW~15HP / 2"~4"



KA
Series
P.10

Stainless Steel
Wastewater Pump
0.5kW~15HP / 1 1/2"~4"



KF-4P
Series
P.11

Stainless Steel
Sewage Pump
3HP~30HP / 3"~8"



KOT
Series
P.12

Stainless Steel
Portable Pump
0.2HP~1 1/2 HP / 1"~2"



BOT
Series
P.13

Engineering/
Construction Pump
0.5kW~20HP / 2"~8"



BT
Series
P.14

Grinder Pump
2HP~3HP / 1 1/4"~2"



BL/KL
Series
P.15

Axial Flow Pump
0.5kW~20HP / 4"~12"



BLS
Series
P.16

Large Axial Mix Pump
7 1/2 HP~20HP / 8"



BH+S
Series
P.17

Dewatering Pump(3000RPM)
1 1/2 HP~10HP / 2"~4"



BH-4P
Series
P.18

Dewatering Pump(1500RPM)
3HP~10HP / 3"~6"



RP/KP
Series
P.19

Floating Aerator
1HP~2HP / 1.0m



Guide Rail
P.20

Guide Rail Equipment
2"~8"



Sewage Pump

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Septic Tank Pump

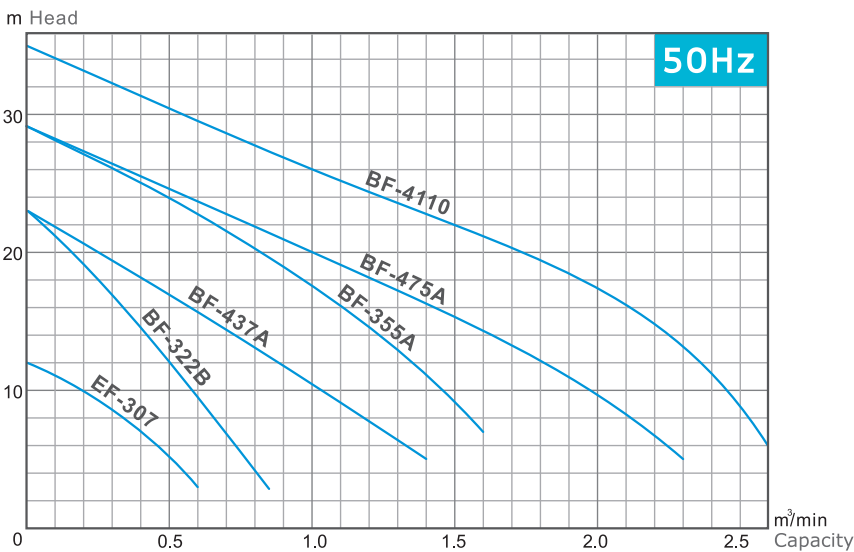
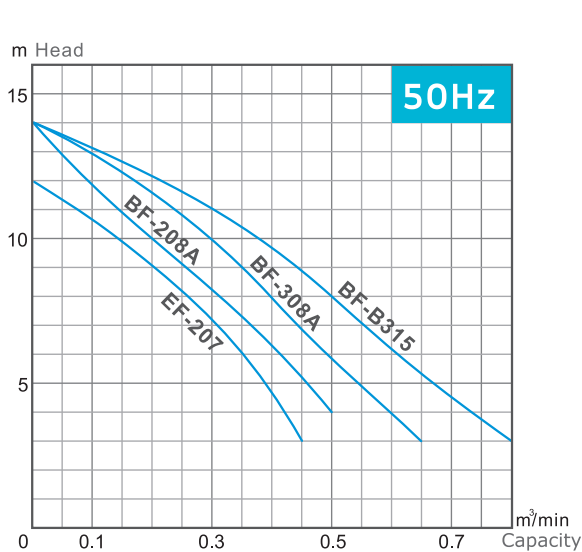
■ **APPLICATIONS:** Drainage of basement, food market and animal husbandry, water treatment of wastewater plant, drainage of water refining tank and drainage of various industrial wastewater...etc.

■ **APPLICATIONS:** Drainage of food market, animal husbandry and water refining tank. Water treatment of wastewater plant, drainage of basement, food industry and various industrial wastewater...etc.



■ **FEATURES**

1. Dependable laminated sheet of Si steel is adopted to motor; shaft and rotor are machining precisely to raise stability and efficiency of motor. Motor frame, shaft, screws are made of stainless steel to provide long service life and attractive appearance.
 2. Impeller is designed to special water flow, muddy liquid and other various wastewater can be efficiently drained.
 3. The product range is up to 15Hp, dual SIC mechanical seals are built in (1½Hp and above).
 4. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.
 5. Superior design to easily disassemble motor and pump housing for maintenance.
- Float switch is available for model under 2Hp.



SPECIFICATIONS

2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Free Passage mm	Length mm	Width mm	Height mm	Weight kg
				Head m	Capacity m³/min					
EF-207	1 (0.75)	2"	1 φ / 3 φ	9	0.2	12	260	210	460	22
EF-307	1 (0.75)	3"	1 φ / 3 φ	6.5	0.4	12	300	210	460	23
BF-208A	1½ (1.1)	2"	(1 φ 220v)/ 3 φ	10	0.2	15	260	210	480	24
BF-308A	1½ (1.1)	3"	(1 φ 220v)/ 3 φ	8	0.4	20	310	220	500	25
BF-B315	2 (1.5)	3"	(1 φ 220v)/ 3 φ	8	0.5	20	370	230	590/530	41/35
BF-322B	3 (2.2)	3"	3 φ	12	0.5	30	420	240	550	41
BF-437A	5 (3.7)	3"/4"	3 φ	17	0.5	35	440	255	560	51/52
BF-355A	7½ (5.5)	3"/4"	3 φ	24	0.5	35	470	250	570	60
BF-475A	10 (7.5)	4"	3 φ	20	1.0	40	560	310	700	95
BF-4110	15 (11)	4"	3 φ	26	1.0	40	560	310	730	105



BAF-205



BAF-208

AC Protector

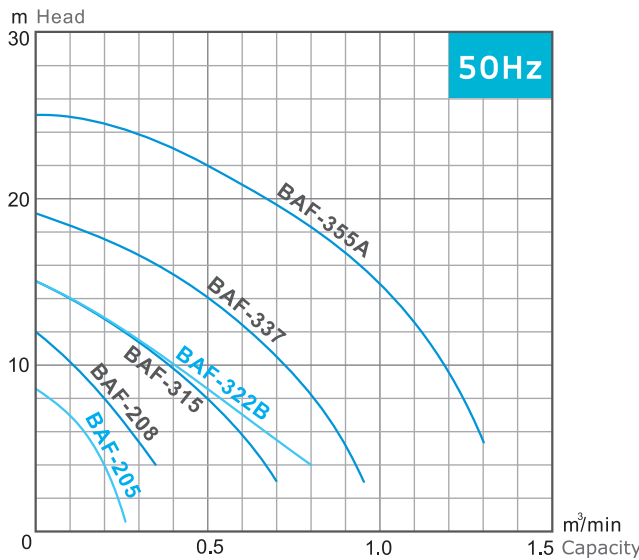


BAF-355A

Non-clogging Impeller

■ **FEATURES**

1. Built-in protection device for prevent the motor from overheating or overload.
 2. Vortex type Impeller designed for handling light solid pass through non-blockly
 3. Motor frame, shaft and screws are made of high strength stainless-steel; dual mechanical seals are adopted to providing long service life (above 3Hp)
 4. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.
- Float switch is available for model under 2Hp.



SPECIFICATIONS

2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Free Passage mm	Length mm	Width mm	Height mm	Weight kg
				Head m	Capacity m³/min					
BAF-205	0.5kW	2"	(1 φ 220v)/ 3 φ	6	0.14	35	220	150	370	15
BAF-208	1½ (1.1)	2"	(1 φ 220v)/ 3 φ	8	0.2	35	250	170	470	23
BAF-315	2 (1.5)	3"	(1 φ 220v)/ 3 φ	8	0.5	40	400	220	590/500	41/37
BAF-322B	3 (2.2)	3"	3 φ	10	0.4	45	420	240	550	41
BAF-337	5 (3.7)	3"	3 φ	14	0.5	55	430	250	530	50
BAF-355A	7½ (5.5)	3"/4"	3 φ	22	0.5	55	470	250	550	55

Wastewater Pump

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Wastewater Pump

■ **APPLICATIONS:** Drainage of construction cite and subway, flood control/prevention of public construction, irrigation, water circulation of aquaculture and landscape pond...etc.

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BA-103A



BA-208A



BA-205BE



BA-437A



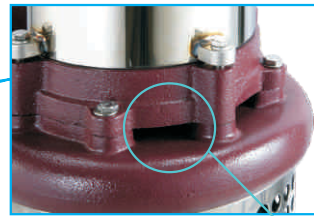
BA-322B



BA-355A



BA-4110

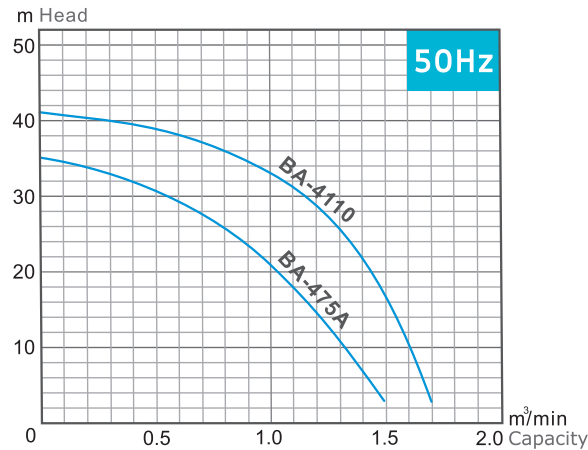
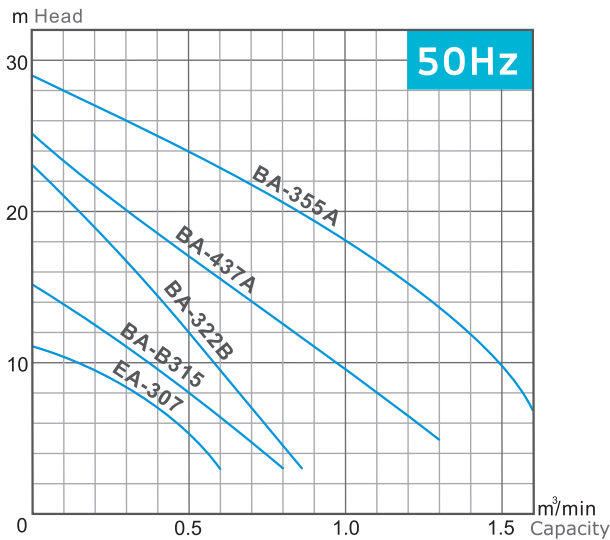
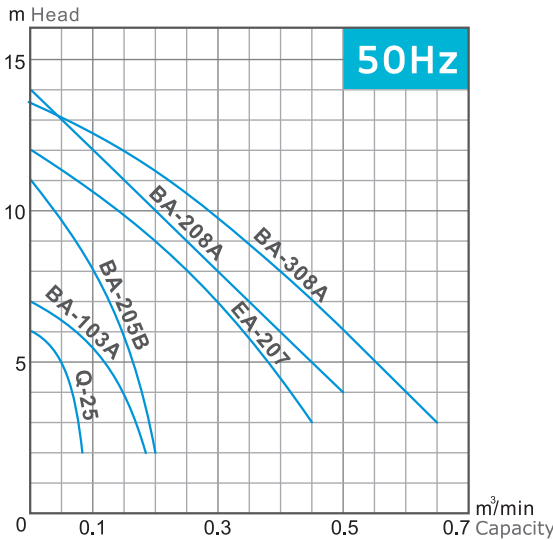


Stress Eliminating Design

FEATURES

- 1. Mini size, lightweight and superior to same grades of other pumps.
- 2. Motor Frame, shaft, screws and strainer are made of stainless steel to provide long service life and attractive appearance.
- 3. Good performance, high water volume and energy saving, high wear-resistant mechanical seal and oil seal are adopted to maintain long time operation.
- 4. Dependable laminated sheet of Si steel is adopted to motor; shaft and rotor are machining precisely to raise stability and efficiency of motor.
- 5. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.
- 6. The product range is up to 15Hp, dual SIC mechanical seals are built in (1½ Hp and above), and stress eliminating design is adopted (10Hp and above) to raise operating efficiency.
- 7. Superior design to easily disassemble motor and pump housing for maintenance.

● Float switch is available for model under 2Hp (except BA-205B 3phase).



SPECIFICATIONS

2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Length mm	Width mm	Height mm	Weight kg
				Head m	Capacity m³/min				
Q-25	0.2 (0.15)	20/25mm	1 φ	5	0.05	165	130	275	7
BA-103A	1/2 (0.4)	1 1/2"	1 φ	5.5	0.1	200	140	340	11
BA-205B	0.5kW	2"	1 φ / 3 φ	8	0.1	230	160	345	15
EA-207	1 (0.75)	2"	1 φ / 3 φ	9	0.2	250	180	460	22
EA-307	1 (0.75)	3"	1 φ / 3 φ	6.5	0.4	290	180	460	23
BA-208A	1½ (1.1)	2"	(1 φ 220v) / 3 φ	10	0.2	250	180	480	24
BA-308A	1½ (1.1)	3"	(1 φ 220v) / 3 φ	8	0.4	310	220	500	25

SPECIFICATIONS

2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Length mm	Width mm	Height mm	Weight kg
				Head m	Capacity m³/min				
BA-B315	2 (1.5)	3"	(1 φ 220v) / 3 φ	8	0.5	360	170	570/490	41/38
BA-322B	3 (2.2)	3"	3 φ	12	0.5	420	240	550	40
BA-437A	5 (3.7)	3"/4"	3 φ	17	0.5	440	255	560	52
BA-355A	7½ (5.5)	3"/4"	3 φ	24	0.5	470	250	570	60
BA-475A	10 (7.5)	4"	3 φ	21	1.0	560	310	690	95
BA-4110	15 (11)	4"	3 φ	33	1.0	560	310	720	105

Wastewater Pump

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Sewage/Non-Clogging Pump

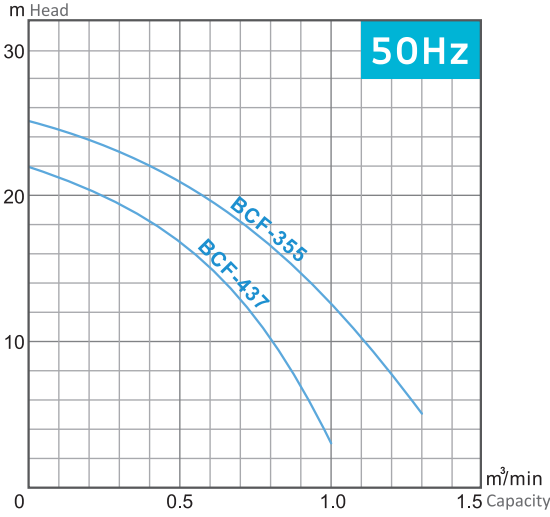
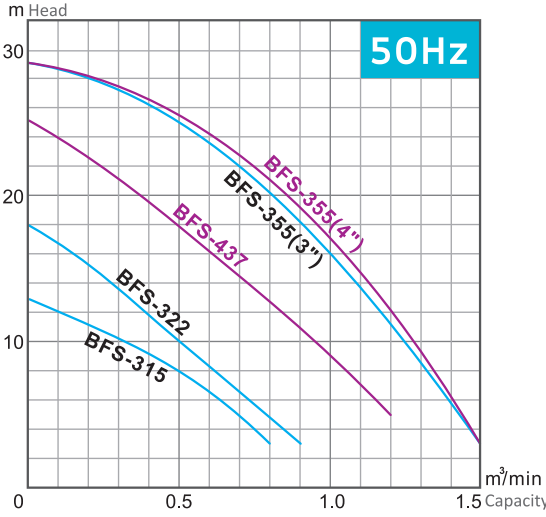
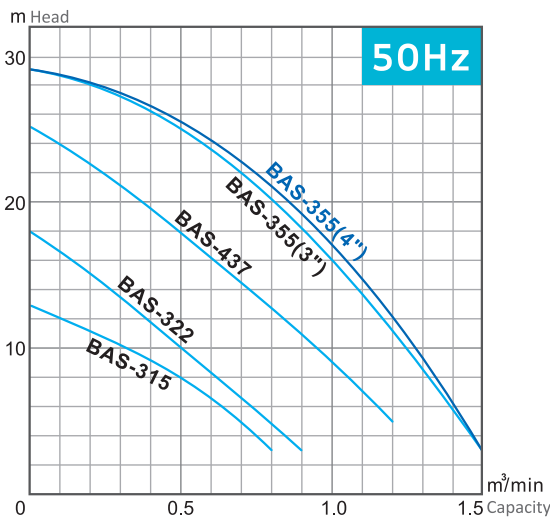
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■ **FEATURES**

- 1. High Strength Stainless-steel made of shaft and impeller are installed.
- 2. High quality protector adopted on dry type motor to raising effective protection.
- 3. Cable base upgraded by filling EPOXY to raise humidity-resistance.
- 4. All products are made in Taiwan with high quality.



SPECIFICATIONS

2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Free Passage mm	Length mm	Width mm	Height mm	Weight kg
				Head m	Capacity m³/min					
BAS-315	2 (1.5)	3"	3 φ	8	0.5	10	380	240	500	48
BAS-322	3 (2.2)	3"	3 φ	10	0.5	10	380	240	520	55
BAS-437	5 (3.7)	3"	3 φ	18	0.5	10	500	260	560	62
BAS-355	7½ (5.5)	3"	3 φ	25	0.5	10	500	260	590	67
BAS-355	7½ (5.5)	4"	3 φ	17	1	10	500	260	590	67

SPECIFICATIONS

2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Free Passage mm	Length mm	Width mm	Height mm	Weight kg
				Head m	Capacity m³/min					
BFS-315	2 (1.5)	3"	3 φ	8	0.5	20	400	240	500	48
BFS-322	3 (2.2)	3"	3 φ	10	0.5	20	400	240	520	55
BFS-437	5 (3.7)	3"	3 φ	18	0.5	25	500	260	560	62
BFS-355	7½ (5.5)	3"	3 φ	25	0.5	30	500	260	590	67
BFS-355	7½ (5.5)	4"	3 φ	17	1	30	500	260	590	67
BCF-437	5 (3.7)	3"	3 φ	17	0.5	60	500	260	550	62
BCF-355	7½ (5.5)	3"-4"	3 φ	21	0.5	65	500	260	580	67

High Head Water Pump

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Sewage Pump

APPLICATIONS: A sprinkler for grass, garden, horticulture; irrigation for orchard; water spray for roof cleaning; wastewater treatment; drainage of basement and well water, and car wash...etc.

APPLICATIONS:
Drainage of food market, animal husbandry and water refining tank.
Water treatment of wastewater plant, drainage of basement, food industries, leather industries, pulp and paper industries, dyeing industries, and various industrial wastewater...etc.



BU-215



BU-322B



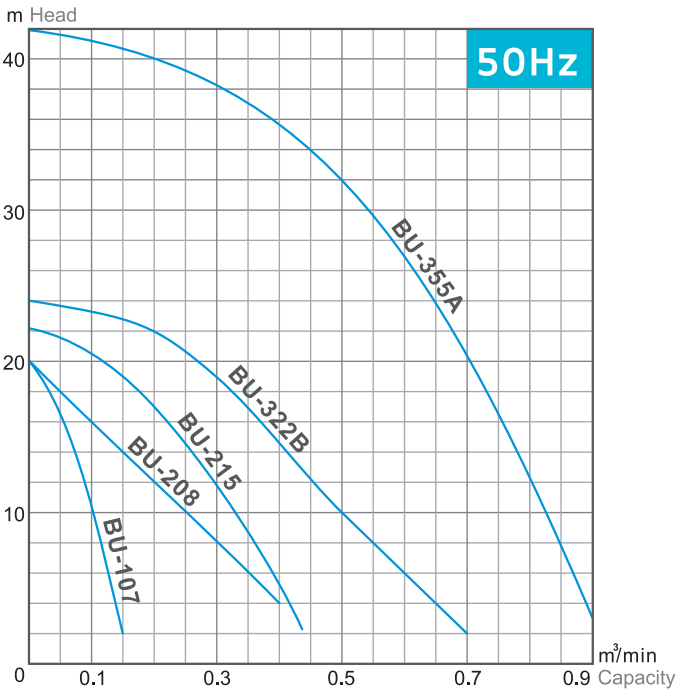
BU-355A



BF-4620

FEATURES

- 1. Double impeller and pump housing design for BU-107.
 - 2. Adopted dual mechanical seals provide long time operation.
 - 3. Impeller is designed to special water flow, and corrosive-resistant and wear-resistant for high-head uses.
 - 4. Motor frame, shaft, screws are made of stainless steel to make long service life and attractive appearance.
 - 5. The base of cable is made out of integral plastic to upgrade humidity-resistance.
- Float switch is available for model under 2Hp.



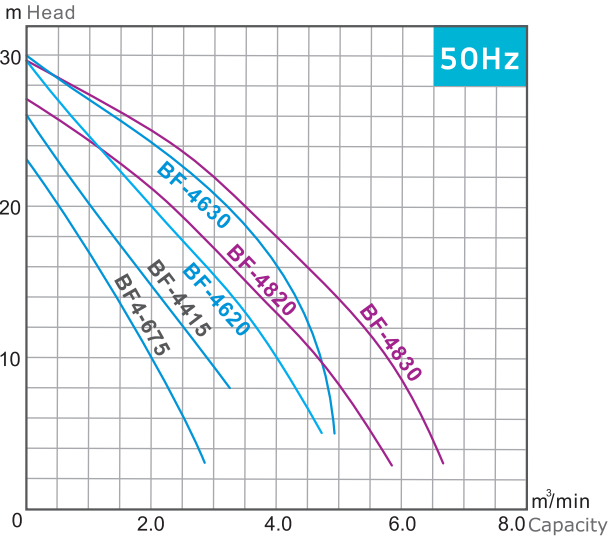
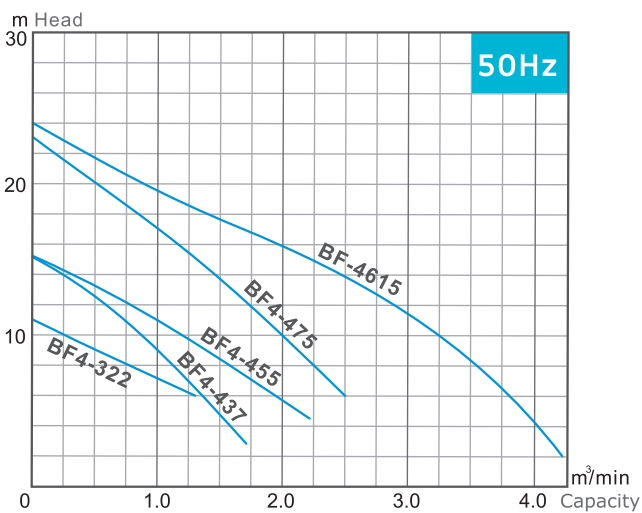
SPECIFICATIONS

2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Pole	Standards		Max Diameter mm	Height mm	Weight kg
					Head m	Capacity m³/min			
BU-107	1 (0.75)	1"	(1 φ 220v)/ 3 φ	2	17	0.04	240	460	21
BU-208	1½ (1.1)	2"	(1 φ 220v)/ 3 φ	2	12	0.2	270	450	24
BU-215	2 (1.5)	2"	(1 φ 220v)/ 3 φ	2	17	0.2	270	580/500	33/30
BU-322B	3 (2.2)	3"	3 φ	2	19	0.3	420	550	41
BU-355A	7½ (5.5)	3"	3 φ	2	32	0.5	470	570	61

FEATURES

- 1. High efficient motor is adopted, shaft and rotor are machining precisely to raise stability. Serious quality control and high class of insulation are provided for long time operation and service life.
- 2. Overload protector is available (option).
- 3. Dependable dual mechanical seals are adopted for high wear and heat resistance, and to maintain long life.
- 4. Impeller is designed for special water flow and big capacity of pump housing to meet dependable performance, and high efficiency for various wastewater.
- 5. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.



SPECIFICATIONS

4P-1500RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Start Method	Standards		Free Passage mm	Length mm	Width mm	Height mm	Weight kg
					Head m	Capacity m³/min					
BF4-322	3 (2.2)	3"	3 φ	Direct	9	0.5	40	560	310	620	80
BF4-437	5 (3.7)	4"	3 φ	Direct	9	1.0	40	560	310	680	96
BF4-455	7½ (5.5)	4"	3 φ	Direct	11	1.0	40	600	360	710	105
BF4-475	10 (7.5)	4"	3 φ	Direct	17	1.0	40	730	430	820	154
BF4-675	10 (7.5)	6"	3 φ	Direct	10	2.0	45	780	480	820	184
BF-4415	15 (11)	4"	3 φ	Y-△	21	1.0	45	730	430	900	200
BF-4615	15 (11)	6"	3 φ	Y-△	17	1.8	50	940	480	950	250
BF-4620	20 (15)	6"	3 φ	Y-△	20	2.0	55	940	480	950	250
BF-4820	20 (15)	8"	3 φ	Y-△	13	4.0	60	950	480	950	270
BF-4630	30 (22)	6"	3 φ	Y-△	25	1.8	55	950	480	990	290
BF-4830	30 (22)	8"	3 φ	Y-△	20	3.5	60	950	480	990	300

Stainless Steel Sewage Pump

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Stainless Steel Wastewater Pump

- APPLICATIONS:
1. Wastewater treatment of chemical industries, metal industries, dyeing industries, medical industries, pulp and paper industries...etc.
 2. Wastewater treatment of hospital and laboratory, animal husbandry and other comprehensive wastewater treatment...etc.

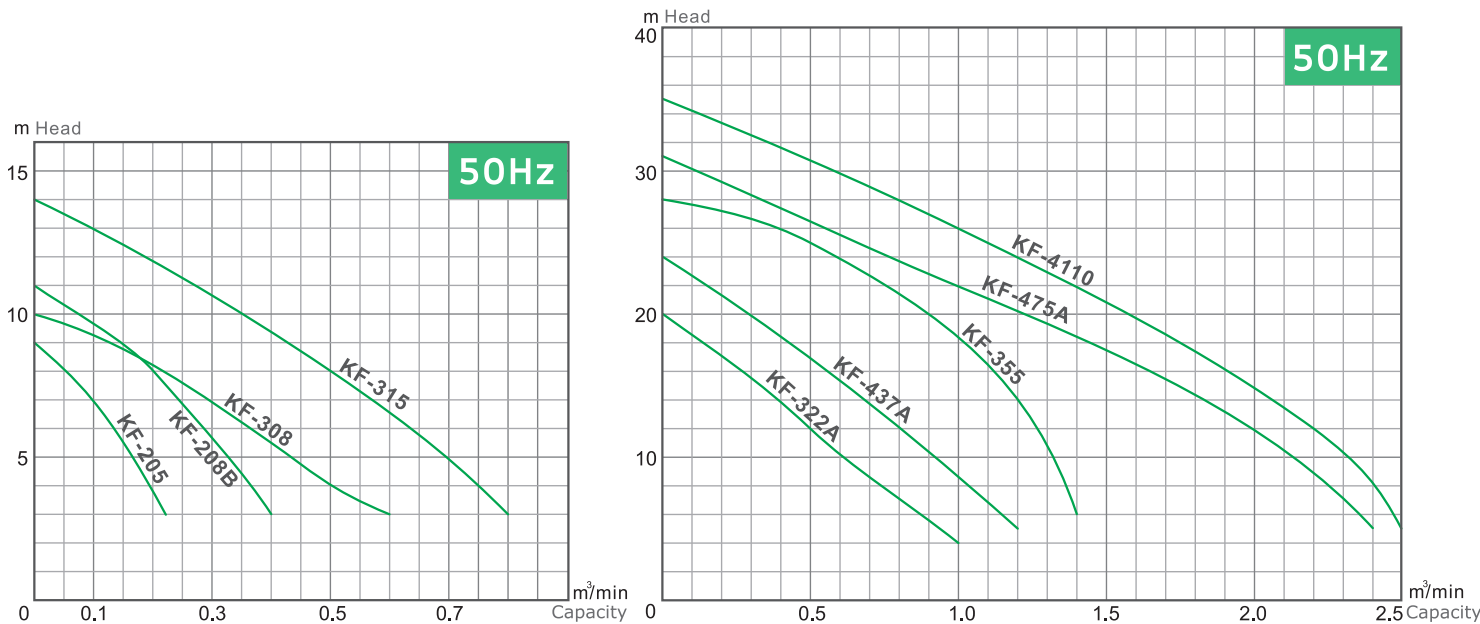
■ FEATURES

1. Stainless steel 304/316 materials are adopted for corrosive-resistance.
 2. Chemical-resistant SIC mechanical seal and fluorine gasket are adopted to provide reliable sealing effects for chemical wastewater.
 3. Precision casting method is used and the weight is 25% less than same grades of other pumps.
 4. The base of cable is made out of integral plastic to upgrade humidity-resistance.
 5. Italian techniques and professional design are adopted for water resistance.
 6. The shaft is made of stainless steel and calibrated in dynamic balance for long time operation of bearing.
- Float switch is available for model under 2Hp (except KF-205 3phase).



KF-322A

KF-475A



SPECIFICATIONS

2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Length mm	Width mm	Height mm	Weight kg
				Head m	Capacity m³/min				
KF-205	0.5kW	2"	1 φ / 3 φ	7	0.1	230	160	345	14
KF-208B	1 (0.75)	2"	1 φ / 3 φ	8	0.2	260	210	440	20
KF-308	1½ (1.1)	3"	(1 φ 220v) / 3 φ	5.5	0.4	300	230	490	24
KF-315	2 (1.5)	3"	(1 φ 220v) / 3 φ	8	0.5	315	230	565/510	35/31
KF-322A	3 (2.2)	3"	3 φ	12	0.5	440	255	550	45
KF-437A	5 (3.7)	3"/4"	3 φ	17	0.5	440	255	560	55
KF-355	7½ (5.5)	3"/4"	3 φ	25	0.5	470	250	570	60
KF-475A	10 (7.5)	4"	3 φ	22	1.0	560	310	700	93
KF-4110	15 (11)	4"	3 φ	26	1.0	560	310	730	110

- APPLICATIONS:
1. Wastewater treatment of chemical industries, metal industries, medical industries...etc.
 2. Wastewater treatment of hospital and laboratory, dewatering of rugged construction and other comprehensive wastewater treatment...etc.

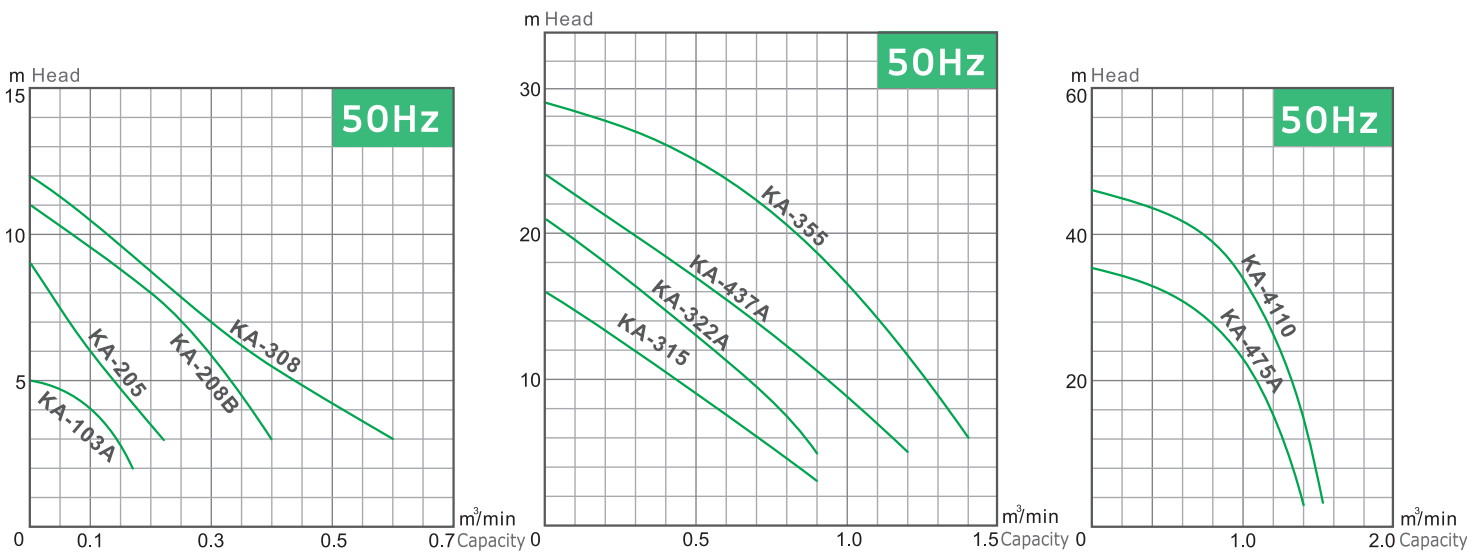
■ FEATURES

1. Stainless steel 304/316 materials are adopted for corrosive-resistance.
 2. Chemical-resistant SIC mechanical seal and fluorine gasket are adopted to provide reliable sealing effects for chemical wastewater.
 3. Precision casting method is used and the weight is 25% less than same grades of other pumps.
 4. The base of cable is made out of integral plastic to upgrade humidity-resistance.
 5. Italian techniques and professional design are adopted for water-resistance.
- Float switch is available for model under 2Hp (except KA-205 3phase).



KA-315

KA-103A



SPECIFICATIONS

2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Length mm	Width mm	Height mm	Weight kg
				Head m	Capacity m³/min				
KA-103A	1/2 (0.4)	1 1/2"	1 φ	4	0.1	200	150	340	10
KA-205	0.5kW	2"	1 φ / 3 φ	6	0.1	230	160	345	14
KA-208B	1 (0.75)	2"	1 φ / 3 φ	8	0.2	250	180	440	20
KA-308	1½ (1.1)	3"	(1 φ 220v) / 3 φ	5.5	0.4	300	180	480	24
KA-315	2 (1.5)	3"	(1 φ 220v) / 3 φ	9	0.5	300	200	580/480	35/31
KA-322A	3 (2.2)	3"	3 φ	13	0.5	430	255	550	45
KA-437A	5 (3.7)	3"/4"	3 φ	17	0.5	430	255	560	55
KA-355	7½ (5.5)	3"/4"	3 φ	25	0.5	470	250	570	60
KA-475A	10 (7.5)	4"	3 φ	23	1.0	560	310	690	93
KA-4110	15 (11)	4"	3 φ	34	1.0	560	310	720	110

Stainless Steel Sewage Pump

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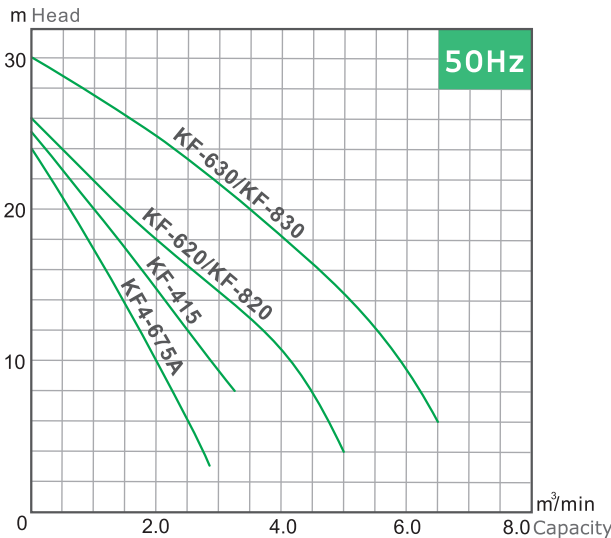
Stainless Steel Portable Pump



APPLICATIONS:

- 1. Drainage of food market, animal husbandry and water refining tank. Water treatment of wastewater plant, drainage of basement, food industries, leather industries, pulp and paper industries, dyeing industries, steel industries, and various industrial wastewater...etc.
- 2. Wastewater treatment of chemical industries, medical industries, hospital, laboratory and other comprehensive wastewater treatment...etc.

Exclusive Use in High-Technology electronic industries.



FEATURES

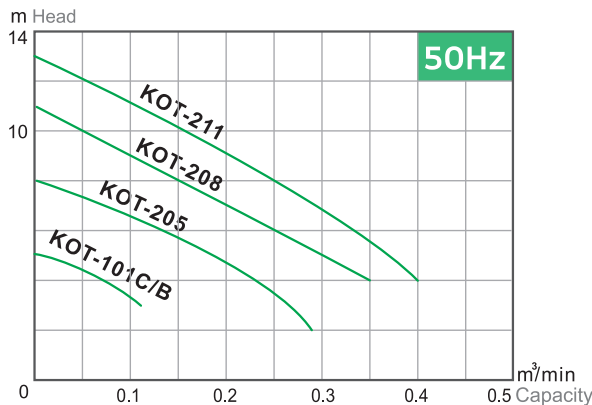
- 1. Stainless Steel 304/316 materials are adopted for corrosive-resistance.
- 2. High efficient motor is adopted, shaft and rotor are machining precisely to raise stability. Serious quality control and high class of insulation are provided for long time operation and service life.
- 3. Dependable dual mechanical seals are adopted for high wear and heat resistance, and to maintain long life.
- 4. Impeller is designed for special water flow and big capacity of pump housing to meet dependable performance, and high efficiency for various wastewater.
- 5. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.
- 6. Overload protector is available (option).

SPECIFICATIONS

Model	Power Hp (kW)	Discharge inch	Phase φ	Start Method	Standards		Free Passage mm	Length mm	Width mm	Height mm	Weight kg
					Head m	Capacity m³/min					
KF4-322A	3 (2.2)	3"	3φ	Direct	9	0.5	40	560	300	580	80
KF4-437	5 (3.7)	4"	3φ	Direct	9	1.0	40	560	300	650	96
KF4-455	7½ (5.5)	4"	3φ	Direct	11	1.0	30	600	360	710	105
KF4-475A	10 (7.5)	4"	3φ	Direct	17	1.0	40	720	430	730	154
KF4-675A	10 (7.5)	6"	3φ	Direct	10	2.0	45	770	430	730	184
KF-415	15 (11)	4"	3φ	Y-△	20	1.0	45	730	430	900	200
KF-615	15 (11)	6"	3φ	Y-△	17	1.7	45	940	480	950	235
KF-620	20 (15)	6"	3φ	Y-△	18	2.0	55	940	480	950	245
KF-820	20 (15)	8"	3φ	Y-△	13	3.5	60	950	480	990	270
KF-630	30 (22)	6"	3φ	Y-△	25	2.0	55	940	480	1000	280
KF-830	30 (22)	8"	3φ	Y-△	20	3.5	60	950	480	1000	300

APPLICATIONS:

- 1. Fish pond, water circulation of fishing pond, water removal of aqua farm and cold spring.
- 2. Fishery sea water drainage
- 3. Fountain, Landscape
- 4. Car wash, maintenance of cooling tower.
- 5. Drainage of basement and construction site.
- 6. Wastewater treatment of chemical industries, medical industries and hospitals.



FEATURES

- 1. Corrosive-resistant stainless steel 304 materials are adopted, attractive appearance, no second pollution caused.
- 2. Chemical-resistant SIC mechanical seal and fluorine gasket are adopted to provide reliable sealing effects for chemical wastewater.
- 3. Light weight, pump casing is made of stainless steel and formed by stamping.
- 4. The base of cable is made out of integral plastic to upgrade humidity-resistance.
- 5. Shaft is made of stainless steel and calibrated in balance test to raise long service life of bearing.
- 6. Overload protector is built-in for protection of motor and raise long service life.

SPECIFICATIONS

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Free Passage mm	Max Diameter mm	Height mm	Weight kg
				Head m	Capacity m³/min				
KOT-101C/B	0.2(0.15)	1"	1φ	4	0.07	7	145	290	8
KOT-205	1/2(0.5)	2"	1φ 220V/ 3φ	5	0.2	7	180	410	19
KOT-208	1(0.75)	2"	1φ 220V/ 3φ	7	0.2	7	180	475	22
KOT-211	1½(1.1)	2"	1φ 220V/ 3φ	9	0.2	7	180	490	24

■ **APPLICATIONS:** Drainage of construction site; drainage of subway/tunnel; wastewater treatment of ironworks; mobile use for drainage of public facilities; removal of sludge at harbor/river; any other wastewater treatment of industries...etc.

■ **FEATURES**

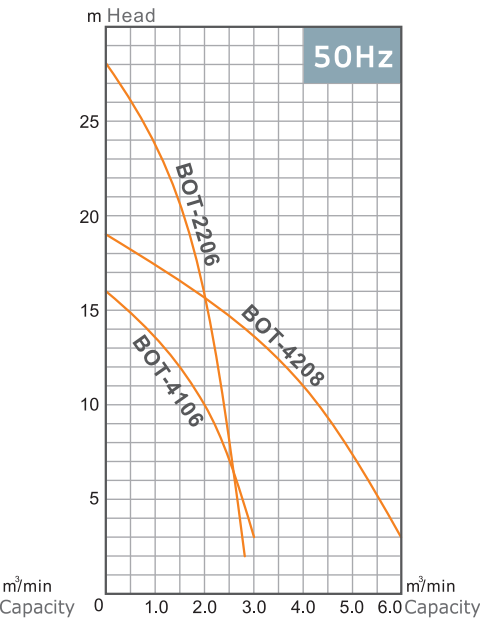
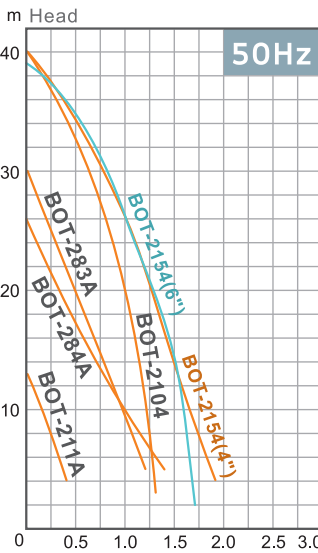
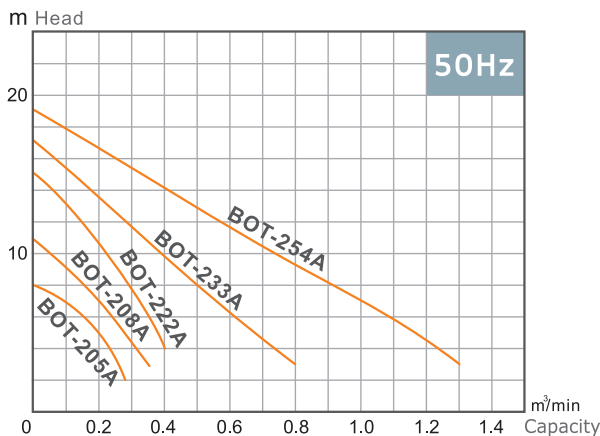
1. Dry-type model with overload protector is built-in to protect motor from overheat and overload.
2. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.
3. Motor frame and casing are made of stainless steel and water-cooling jacket design increases efficiency of heat diffusion.
4. Stainless steel shaft is calibrated in dynamic balance test. Dual mechanical seal SIC/SIC are fitted and dual oil seals design raises effects of dust-proof.
5. Impeller and agitator are made of high chrome alloy steel (HCR, 2Hp above), high wear resistance, and calibrated by dynamic balance test.
6. Pump housing and stress eliminating plate are made of wear-resistant and malleable cast iron, and stress eliminating design is adopted between pump housing and mechanical seal lid to reduce flow stress.



Agitator



AC Protector

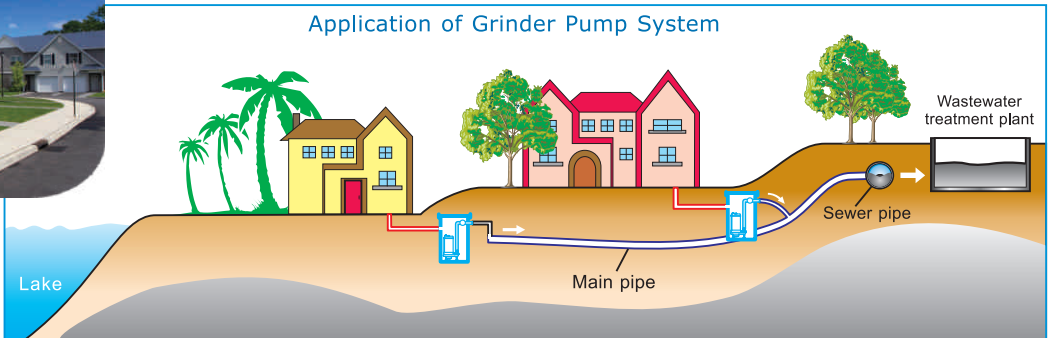


SPECIFICATIONS

Model	Power Hp (kW)	Discharge inch	Phase φ	Pole	Standards		Free Passage mm	Max Diameter mm	Height mm	Weight kg
					Head m	Capacity m³/min				
BOT-205A	0.5kW	2"	(1 φ 220v)/ 3 φ	2	5	0.2	7	180	410	18
BOT-208A	1 (0.75)	2"	(1 φ 220v)/ 3 φ	2	7	0.2	7	180	475	25
BOT-211A	1½ (1.1)	2"	(1 φ 220v)/ 3 φ	2	9	0.2	7	180	490	27
BOT-222A	3 (2.2)	2"	(1 φ 220v)/ 3 φ	2	12	0.14	10	230	680/665	54
BOT-233A	3 (2.2)	3"	(1 φ 220v)/ 3 φ	2	8	0.5	10	230	680/695	55
BOT-254A	5 (3.7)	3"/4"	3 φ	2	7	1.0	10	230	720	60
BOT-283A	7½ (5.5)	3"	3 φ	2	20	0.5	10	310	720	76
BOT-284A	7½ (5.5)	4"	3 φ	2	10	1.0	10	310	720	76
BOT-2104	10 (7.5)	4"	3 φ	2	20	1.0	10	380	840	110
BOT-4106	10 (7.5)	6"	3 φ	4	10	2.0	25	380	840	130
BOT-2154	15 (11)	4"	3 φ	2	26	1.0	10	330	860	135
		6"			13	1.6	25	380		
BOT-2206	20 (15)	6"	3 φ /380v UP	2	16	2.0	15	380	970	138
BOT-4208	20 (15)	8"	3 φ	4	11	4.0	25	430	1090	180

■ **APPLICATIONS**

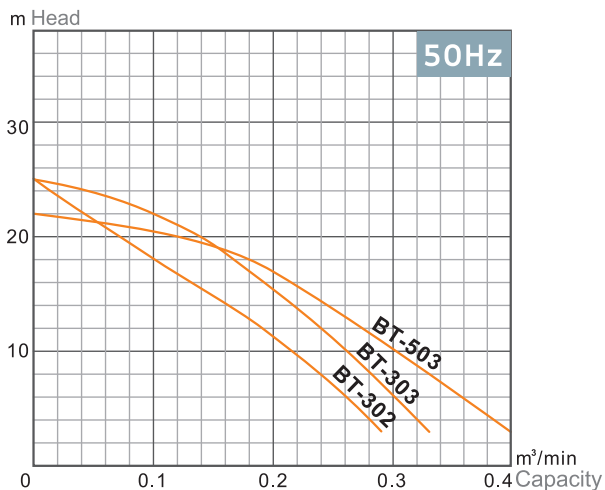
Pumping of residential wastewater from toilets, bathtubs, and washing machines; drainage of subway/tunnel, wastewater treatment of public laundry, textile industries and other industries.



BT-302



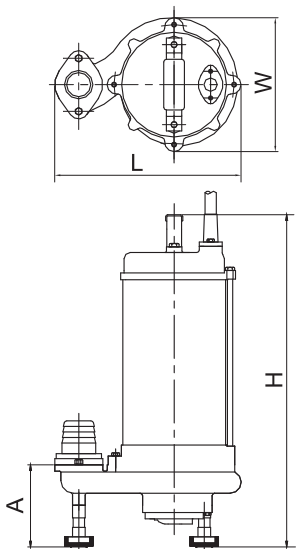
BT-503



■ **FEATURES**

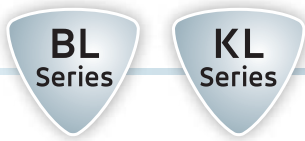
1. Grinding and shredding effects are applied to raise operating efficiency and able to handle soft solids in suspension or organic wastes in water.
2. Portable, non-clogging design and high wear-resistance are applied to grinding ring and shredding ring.
3. Dependable mechanical seal and o-ring are adopted to maintain long time operation and high precision is applied to raise stability and efficiency of motors.
4. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.
5. Motor frame, shaft, screws are made of stainless steel to make long service life.

● Float switch is available for model 2Hp.



SPECIFICATIONS

Model	Power Hp(kW)	Discharge inch	Phase φ	Standards		Length mm	Width mm	Height mm	Weight kg
				Head m	Capacity m³/min				
BT-302	2 (1.5)	1 ¼"	1 φ / 3 φ	18	0.1	300	210	560/470	45/35
BT-303	3 (2.2)	1 ¼"	3 φ	22	0.1	300	210	520	37
BT-503	3 (2.2)	2"	3 φ	17	0.2	300	210	520	38



Axial Flow Pump

SONHO

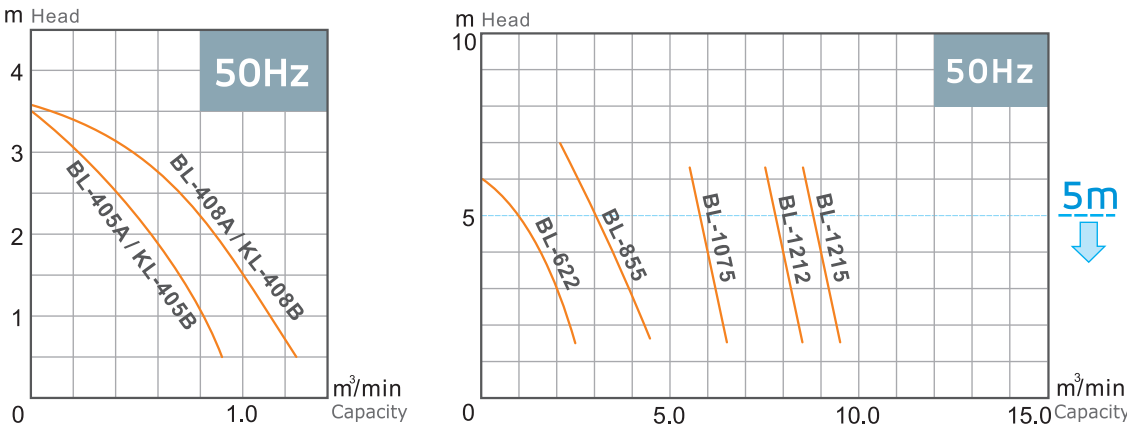
SONHO

■ APPLICATIONS: Drainage for shrimp farm and other aqua farm, subway and large flow capacity in industries, flood control etc...

*Below head of 5 meters is applicable.

■ FEATURES

- 1. Axial flow design to meet large flow capacity, energy saving and easy installation.
- 2. Easy to operate, no need to use high voltage power supply and less vibration and noise caused.
- 3. Pump body and motor frame/casing are made of alloy copper and stainless steel to raise durability and wear-resistance.
- 4. Dual mechanical seals are adopted for higher wear-resistance in seawater, muddy liquid and wastewater.
- 5. Pump outer casing, motor frame and shaft are made of stainless steel. High precise screwing positions are designed to easy disassemble and maintenance.
- 6. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.
- 7. Economical types (cast-iron made) are available for customized requirements.



SPECIFICATIONS

4P-1500RPM / 2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Pole	Standards		Max Diameter mm	Height mm	Weight kg
					Head m	Capacity m³/min			
BL-405A	0.5kW	4"	1 φ / 3 φ	2	1.5	0.7	240	470	25
KL-405B	0.5kW	4"	1 φ / 3 φ	2	1.5	0.7	240	470	25
BL-408A	1 (0.75)	4"	(1 φ 220v) / 3 φ	2	1.5	1.0	240	490	28
KL-408B	1 (0.75)	4"	(1 φ 220v) / 3 φ	2	1.5	1.0	240	490	28
BL-622	3 (2.2)	6"	3 φ	4	3	1.8	290	740	70
BL-855	7½ (5.5)	8"	3 φ	4	4	3.5	340	920	130
BL-1075	10 (7.5)	10"	3 φ	4	4	6.0	370	1000	160
BL-1212	16 (12)	12"	3 φ	4	4	8.0	430	1080	220
BL-1215	20 (15)	12"	3 φ	4	4	9.0	430	1100	230



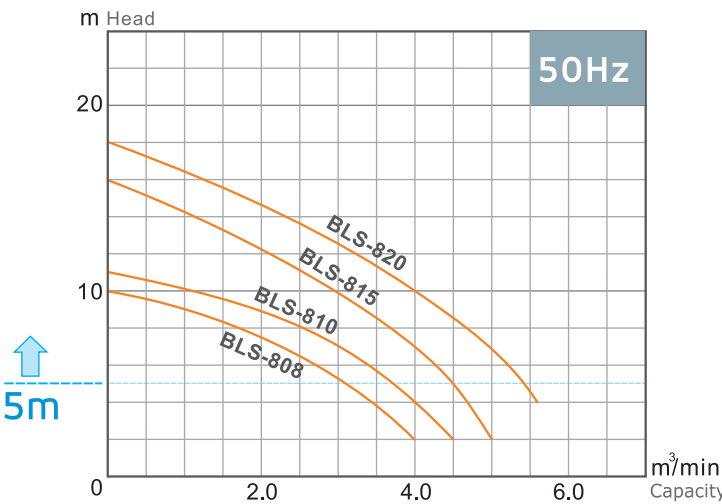
Large Axial Mix Pump

■ APPLICATIONS: 1. Pumping Station.
2. Drainage of fishing pond, aqua farm, subway and large flow capacity in industries, flood control...etc.

*Above head of 5 meters is applicable.

■ FEATURES

- 1. Motor frame and casing are made of stainless steel and water-cooling jacket design increases efficiency of heat diffusion.
- 2. Stainless steel shaft is calibrated in dynamic balance test. Dual mechanical seal SIC/SIC are fitted and dual oil seals design raises effects of dust-proof.
- 3. Mix flow design to meet large flow capacity, energy saving and easy installation.
- 4. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.
- 5. BLS is the range for particular purpose of pumping station, and for both two uses of water delivery and extraction.



SPECIFICATIONS

4P-1500RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Max Diameter mm	Height mm	Weight kg
				Head m	Capacity m³/min			
BLS-808	7½ (5.5)	8"	3 φ	5.5	2.8	330	920	110
BLS-810	10 (7.5)	8"	3 φ	7	3.0	380	950	140
BLS-815	15 (11)	8"	3 φ	7	4.0	380	970	150
BLS-820	20 (15)	8"	3 φ	10	4.0	430	1010	210



High Head Dewatering Pump

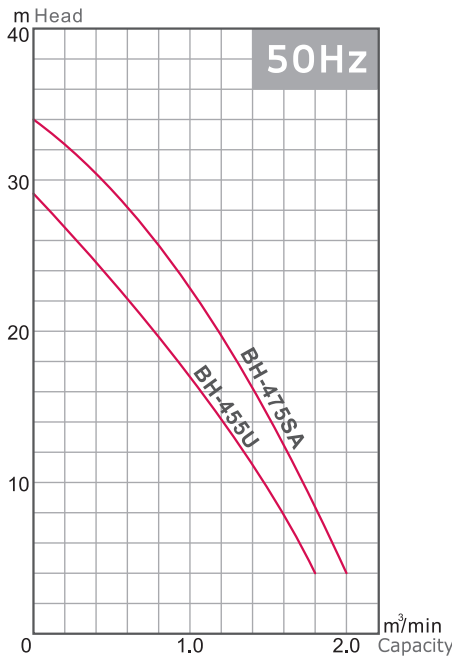
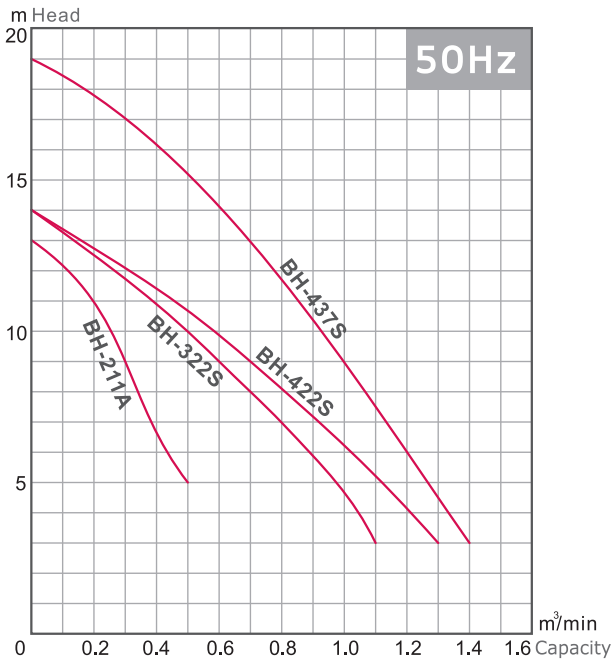
SONHO SONHO

APPLICATIONS: Lifting of well water and underground water, aqua farm, agriculture irrigation, hydraulic engineering and drainage of subway...etc.
***Above head of 15 meters is applicable.**



FEATURES

- 1. Two features (Water delivery and extraction) in one design can be applied as a landed water pump by removing strainer and connecting a check valve.
- 2. Water-cooling jacket design prevents overheat after long time operation, and impeller is designed regards to slicing concept for high water volume and high head.
- 3. Special high head design can be to head above 15 meters.
- 4. Adopted dual SIC machanical seal (3Hp and above).
- 5. Check valve is available (option).
- 6. Motor frame and outer cover are made of stainless steel.



SPECIFICATIONS

2P-3000RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Max Diameter mm	Height mm	Weight kg
				Head m	Capacity m³/min			
BH-211A	1½ (1.1)	2"	(1 φ 220v)/ 3 φ	9	0.3	180	490	26
BH-322S	3 (2.2)	3"	(1 φ 220v)/ 3 φ	9	0.6	245	530	53/47
BH-422S	3 (2.2)	4"	(1 φ 220v)/ 3 φ	9	0.7	245	530	53/47
BH-437S	5 (3.7)	4"	3 φ	10	0.9	270	680	58
BH-455U	7½ (5.5)	4"	3 φ	17	1.0	270	680	70
BH-475SA	10 (7.5)	4"	3 φ	23	1.0	380	840	90

※Optional check valve device for power 3 and 5Hp.



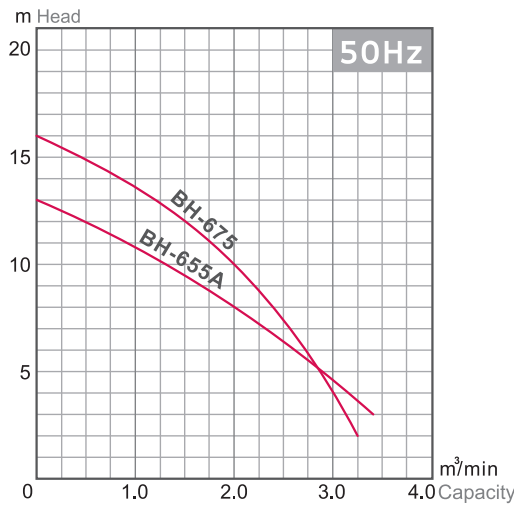
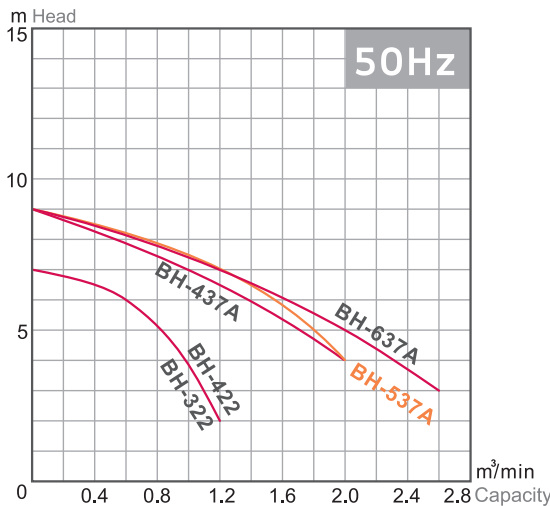
Dewatering Pump

APPLICATIONS: Lifting of water and underground water, aqua farm, agriculture irrigation, hydraulic engineering and drainage of subway...etc.
***Below head of 15 meters is applicable.**



FEATURES

- 1. Two features (Water delivery and extraction) in one design can be applied as a landed water pump by removing strainer and connecting a check valve.
- 2. Water-cooling jacket design prevents overheat after long time operation, and impeller is designed regards to slicing concept for high water volume.
- 3. Motor frame and outer cover are made of stainless steel.



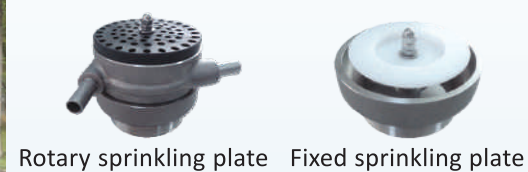
SPECIFICATIONS

4P-1500RPM

Model	Power Hp (kW)	Discharge inch	Phase φ	Standards		Max Diameter mm	Height mm	Weight kg
				Head m	Capacity m³/min			
BH-322	3 (2.2)	3"	3 φ	6	0.6	245	530	48
BH-422	3 (2.2)	4"	3 φ	6	0.6	245	530	48
BH-437A	5 (3.7)	4"	3 φ	7	1.0	270	680	70
BH-537A	5 (3.7)	5"	3 φ	7	1.2	270	680	70
BH-637A	5 (3.7)	6"	3 φ	5	2.0	290	815	79
BH-655A	7½ (5.5)	6"	3 φ	8	2.0	290	920	85
BH-675	10 (7.5)	6"	3 φ	10	2.0	380	970	142



Introductions of Accessories



Rotary sprinkling plate Fixed sprinkling plate



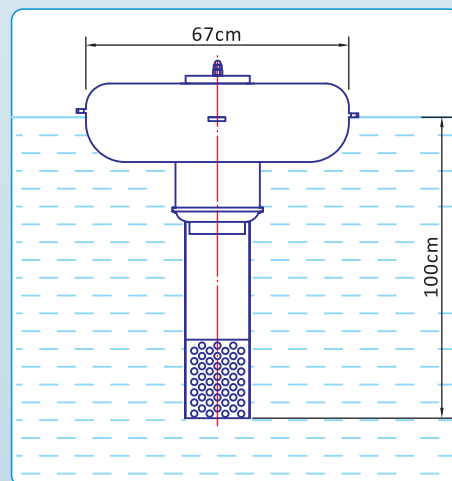
Pump

KP-409

RP-416



3 pieces coupled floater



Extended tube for water inlet is available (customised)

INSTALLING STEPS

1. Low power consumption, time saving and space saving for installation, portable and light weight design.
2. Dual SIC mechanical seals are adopted for high wear-resistance and durability. 3 Patented Design of Rotary Sprinkler for produces fine water splash to higher and more extensive area, cover up to 6m diameter.
4. Multi-function designed, can be used individually as dewatering pump, aerator or landscape.

SPECIFICATIONS

Model	Output Hp(KW)	Voltage	Material	Weight kg	Cable m
RP-409	1 (0.75)	(1 ϕ 220v)/ 3 ϕ	SUS+FC	36	20
RP-416	2 (1.5)	3 ϕ 200~460V	SUS+FC	44	20
KP-409	1 (0.75)	(1 ϕ 220v)/ 3 ϕ	SUS	37	20

2P-3000RPM

※Weight: including floater.

APPLICATIONS: Pre-installation in below locations and immediate operating will be helpful to prevent important areas from flooding.

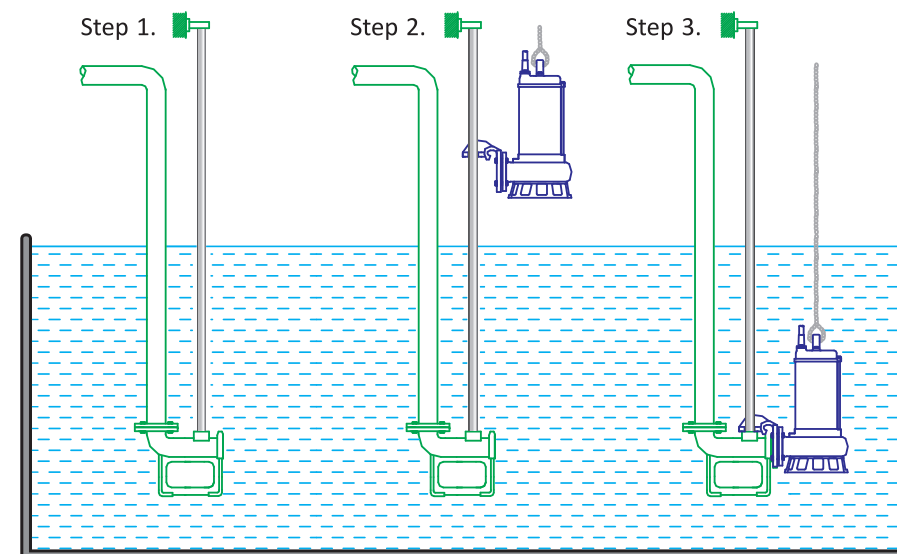
- A. Public construction sites, such as tunnel and subway.
- B. Basement of buildings, to avoid damages/losses of property.
- C. Industries, to avoid damages of valuable equipment's and working spaces.

FEATURES

1. Discharges of guide rails are sized to 2", 3", 4", 6", 8" and suits to most of ranges.
2. Materials of Guide Rail are FT series/cast iron and KFT/stainless steel.
3. Convenient installation and removal by slide up/down the pump.

INSTALLING STEPS

- Step 1. connect a tube with mounting base, and make the base and upper guide rail positioning bracket fixed.
- Step 2. lift down the pump by guiding elbow and pulling chains.
- Step 3. steadily locate the pump to engage the base.



BF-B315 & Guide Rail FT-80B



KF4-455 & Guide Rail KFT-100E

SPECIFICATIONS

Model	Material	Discharge (inch)	Fitted Pump (Hp)	Chain (m)	Guide Rail (inch)	Flange Type
FT-50	FC	2"	2P/ 0.5~1.5Hp	3m	1"	
FT-80B	FC	3"	2P/ 2~5Hp	4m	1½"	
FT-80A	FC	3"/4"	2P/ 5~7.5Hp	4m	1½"	
FT-100E	FC	3"/4"	2P/ 10~15Hp	4m	1½"	4" x 10K
	FC	3"/4"	4P/ 3~15Hp	4m	1½"	4" x 10K
FT-150A	FC	6"	10~30Hp	4m	1½"	6" x 10K
FT-200	FC	8"	20~30Hp	4m	1½"	8" x 10K
KFT-50	SUS304	2"	2P/ 0.5~1.0Hp	3m	1"	
KFT-80A	SUS304	3"/4"	2P/ 2~7.5Hp	4m	1½"	
KFT-100E	SUS304	3"/4"	2P/ 10~15Hp	4m	1½"	4" x 10K
	SUS304	3"/4"	4P/ 3~15Hp	4m	1½"	4" x 10K
KFT-150A	SUS316	6"	10~30Hp	4m	1½"	6" x 10K
KFT-200	SUS316	8"	20~30Hp	4m	1½"	8" x 10K

※FT-150A, FT-200, KFT-150A, and KFT-200 without elbow.

Accessories

1. Mounting base
2. Pump adapter
3. Upper guide rail positioning bracket
4. Stainless steel chains

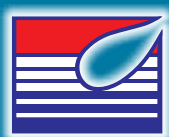
Note:

Guide rails and pipe are not furnished.



WATER POWER ALL IN SONHO PUMP

In order to fulfill customized enquiries, we reserve rights to upgrade product performance by altering designs or specifications without releasing any advance notice.



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