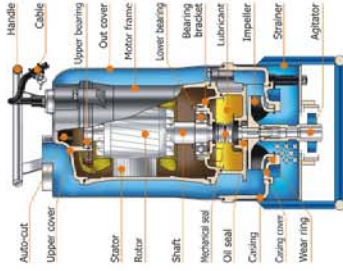


### ■ FEATURE

- Design for civil engineering, light weight for easy portability, double outer casing water cooling motor make it possible to run the pump to low water level.
- Best waterproof structure, automatic reset motor protector and double mechanical seals made of silicon carbide. Durable and leakproof.
- Compact, strong design and easy operation in any place.
- Impeller made of high chrome alloy (HCR) steel with a hardness of 55~60 Rc. Harden and abrasion resistant.
- Equipped with a cast iron (FCD) agitator to create powerful stirring and pumping action for slurry.

### ■ APPLICATIONS

- Civil engineering, dewatering for tunnel engineering also for manhole sewer.
- Dewatering fluid containing solid sediment.
- Mobile use for contractors, installers and industry.

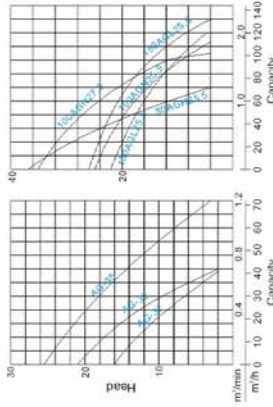


### ■ SPECIFICATIONS

Item	Description
Power	2-5HP
Liquid temp.	0~40°C(32~104°F)
Applications	Dewatering fluid containing solid sediment
Max depth	30m
Impeller	Semi-open
M. seal	Double M. seals
Bearing	Ball type
Out. cover	SUS304
Upper cover	FC-200
Casing	FC-200
Impeller	HCR
M. seal	Lower/Sz/Sc + Upper: CA/CE
Motor	Dry motor
Insulation	2P (3000RPM)
Frequency	F Class (2-3HP : B Class)
Protector	Auto-cut
Frame	SUS304
Main shaft	SUS420J2 (2-3HP : SUS403)
Cable	VCT or H07RNH or SJOW/SOW



### ■ PERFORMANCE CURVES



### ■ PERFORMANCE SPEC.

Model	Power (HP/kW)	Discharge (inch/mm)	Phase	Start Method	Head (m)	Method (m³/min)	Weight (kg)	Solid Passage (mm)	Dimension (mm)
									Length Width Height
AG-32	2(1.5)	3"(80)	1	Capacitor	9	0.4	45	11	255 682 602
AG-33	3(2.2)	3"(80)	3	Capacitor	13	0.4	24	11	255 682 602
AG-35	5(3.7)	3"(80)	3	Direct	18	0.5	30	11	255 628
80AGH25.5	7.5(5.5)	3"(80)	3	Direct	27	0.5	30	10	286 734
100AGN25.5	7.5(5.5)	4"(100)	3	Direct	18	1.0	60	10	286 734
100AGN27.5	10(7.5)	4"(100)	3	Direct	24	1.0	60	10	286 734
150AGL25.5	7.5(5.5)	6"(150)	3	Direct	11	1.5	90	10	286 796
150AGL27.5	10(7.5)	6"(150)	3	Direct	16	1.5	90	10	286 796

Note : Weight W/O Cable

### ■ FEATURE

- Best structure design, dry motor, double mechanical seals, equipped with Auto-cut protector, pumps casting, out cover adopt stainless steel material, acid-resisting Silicon carbide seals.
- This series is suitable for all, light acid, corrosive and/or sea water applications.

### ■ APPLICATIONS

- Water drainage for industries.
- Sanitary sewer, single and multifamilies drainage.
- Water drainage for chemical, pharmaceutical and metal processing factory.

### ■ Investment Casting

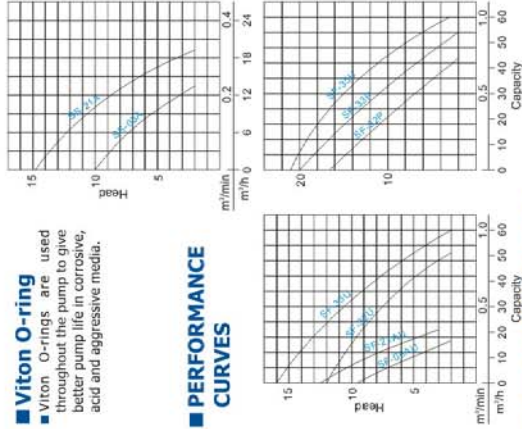
- Precision casting with the use of an advanced stainless investment casting method produces the highest quality with a smooth surface finish.



### ■ Viton O-ring

- Viton O-rings are used throughout the pump to give better pump life in corrosive, acid and aggressive media.

### ■ PERFORMANCE CURVES



### ■ PERFORMANCE SPEC.

Model	Power (HP/kW)	Discharge (inch/mm)	Phase	Start Method	Head (m)	Capacity (m³/min)	Weight (kg)	Solid Passage (mm)	Dimension (mm)
									Length Width Height
SS-05A	1/2(0.4)	2"(50)	1	Capacitor	7	0.12	15	10	245 216 439
SS-21A	1(0.75)	2"(50)	3	Capacitor	10	0.17	16	10	245 216 439
SF-05AU	1/2(0.4)	2"(50)	3	Direct	6	0.15	15	35	237 154 427
SF-21AU	1(0.75)	2"(50)	3	Direct	8	0.2	15	35	237 154 427
SF-32U	2(1.5)	3"(80)	3	Direct	8.5	0.4	24	35	441 260 538
SF-33U	3(2.2)	3"(80)	3	Direct	10.5	0.5	30	37	441 260 563
SF-35U	5(3.7)	3"(80)	3	Direct	15	0.5	30	45	453 215 572
SF-32P	2(1.5)	3"(80)	3	Direct	6	0.45	27	36	441 250 538
SF-33P	3(2.2)	3"(80)	3	Direct	9	0.6	36	30	441 250 563

※Pumps can be customized to fit specifications.

Note : Weight W/O Cable