

FEATURES

- International standard design: water proof cable, autocut, dry-motor, silicon carbide mechanical seal, high grade cast iron offering highest quality and performance.
 - Superior abrasion resistant mechanical seal manufactured with silicon carbide to ensure the best seal effect.
 - Full product range offers low to high head and flow capabilities, with compact and easy installation. Also, available with TOS Guide Rail system, which allows automatic remote connection and disconnection without entry to the sump being required.
- NOTE** Non-clogging vortex impeller design on new AF model ensures no blockage when pumping solids laden liquids.

APPLICATIONS

- Drainage of waste water from the liberation tank, purifying tank and sewage tank in water treatment plant.
- Drainage of waste water and inclusion containing fibrous admixtures from leather factory, dyeing factory and food processing factory.
- Sewage management, accumulated water, septic tank, stock farm.
- Pumping sewage from single and multifamily dwellings.
- Pumping sewage from hotels, restaurants, schools and public buildings.

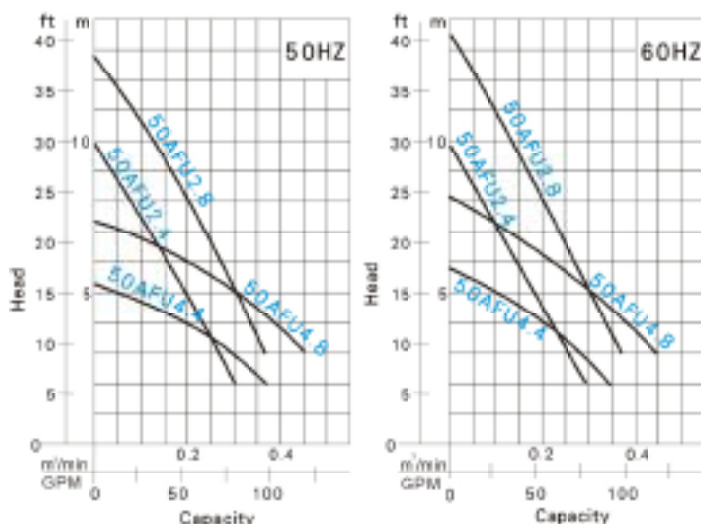
SPECIFICATION

Diameter(mm)		50		
Pump/out	Liquid temp.	0~40°C		
	Liquid nature	Waste water and sewage		
	Max depth	30m		
Pump	Structure	Impeller	U type : Semi-Vortex	
		Mech seal	Double mechanical seals	
		Bearing	Ball type bearing	
	Material	Upper cover	FC-200	
		Casing	FC-200	
		Impeller	FC-200	
M.seal	Sic/Sic			
Motor	Type	Dry motor		
	Pole	2P	4P	
	Insulation	B Class		
	Frequency	50/60Hz		
	Auto-cut	Automatic reset motor protector		
	Material	Frame	FC-200	
		Main shaft	SUS410	SUS403
Cable		VCT		

- Optional cable:H07RN-F



PERFORMANCE CURVE



PERFORMANCE SPEC.

Pole	Model	Power HP(kW)	Discharge Inch(mm)	Phase φ	Start Method	Head m (50/60Hz)	Capacity m³/min (50/60Hz)	Head feet (50/60Hz)	Capacity GPM (50/60Hz)	Weight kg 1φ/3φ	Solid passage mm	Dimension mm		
												Length	Width	Height
2P	50AFU2.4	0.5(0.4)	2"(50)	1/3	Capacitor Direct	6/5.5	0.15	20/18	40	20/19	35	236	152	418
	50AFU2.8	1(0.75)	2"(50)	1/3	Capacitor Direct	9	0.2	26	54	21/20	35	236	152	418
4P	50AFU4.4	0.5(0.4)	2"(50)	1/3	Capacitor Direct	3.5	0.25/0.23	12	65/60	29/28	50	346	204	516
	50AFU4.8	1(0.75)	2"(50)	1/3	Capacitor Direct	5	0.3	16	80	30/29	50	346	204	516