

# F SEWAGE/EFFLUENT SUBMERSIBLE PUMPS

# STANFLO™

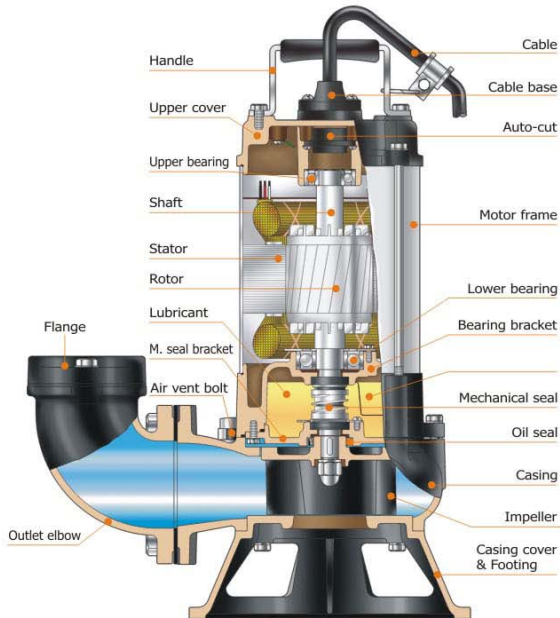


## FEATURE

- A precision manufactured motor is achieved utilizing the highest standard of quality control. All rotors adopt heat treatment method for drive shaft assembling and stator winding impregnated with varnish and heat dried in industrial oven.
- Stanflo's professional assembly line, complimented with a synthesized production test ensures the highest level of final pump quality.
- Standard accessories include : cable with an epoxy resin sealed water-resistant cable base, AC thermal motor protector, dual mechanical seals and lip seal design.
- The F-05A is an extremely practical pump with low temperature oil filled motor and single seal design (CA/CE).

## APPLICATIONS

- Drainage of sewage from the building basements, hotel industry, wastes water from factories.
- Drainage of sewage from industrial process factories.
- Emptying of septic tanks, cesspits and sewage pump stations.
- Pumping surface and drainage water from garages and sprinkler systems.



### P Type Impeller

**Semi-open(Single Vane Impeller) :**  
Excellent to use with waste materials to prevent from clogging.



### U Type Impeller

**Semi-open(Vortex Impeller) :**  
produces a vortex (whirlpool effect) allowing long fibrous materials and other solid waste to pass through without contact with the impeller.

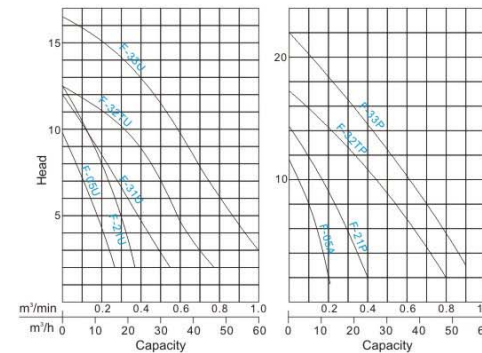
Note: The vortex impeller will cause higher amperage when operated in reverse direction.



## PRODUCT NOMENCLATURE

F	-	05	A	
Type		HP	Style	
F	-	2	1	P
Type		Discharge inch	HP	Impeller type (P/U)

## PERFORMANCE CURVES



## SPECIFICATIONS

Item	Description		
Liquid temp.	0~40°C (32~104°F)		
Applications	General wastewater, sewage water and industrial waste		
Max depth	30m		
Pump sect.	Structure	Impeller: Semi-open · Vortex M. seal: Double M. seals Bearing: Ball type	
	Material	Upper cover: FC-200 Casing: FC-200 Impeller: FC-200 M. seal: Lower: Sic/Sic · Upper: CA/CE	
		Motor sect.	Motor: Dry motor 2P (3000RPM)
			Insulation: B Class
			Frequency: 50Hz
Protector: Auto-cut			
Frame: SUS304			
Material	Main shaft: SUS410 ( 2-3HP : SUS403 ) Cable: VCT or H07RN-F or SJOW/SOW		

※Pumps can be customized to fit specifications.

## PERFORMANCE SPEC.

Model	Power HP(kW)	Discharge Inch(mm)	Phase	Start Method	Head m	Capacity		Weight kg	Solid Passage mm	Dimension (mm)		
						m³/min	m³/h			Length	Width	Height
F-05U	1/2(0.4)	2"(50)	1	Capacitor	6	0.15	9	16	35	237	154	427
				Direct								
F-21U	1(0.75)	2"(50)	1	Capacitor	8	0.2	12	18	35	237	154	427
				Direct								
F-31U	1(0.75)	3"(80)	1	Capacitor	6.5	0.3	18	19	30	278	173	457
				Direct								
F-32TU	2(1.5)	3"(80)	1	Capacitor	9	0.4	24	43	25	408	258	610
				Direct								
F-33U	3(2.2)	3"(80)	1	Capacitor	11.5	0.5	30	45	25	408	258	610
				Direct								
F-21P	1(0.75)	2"(50)	1	Capacitor	9	0.2	12	18	22	274	235	440
				Direct								
F-32TP	2(1.5)	3"(80)	1	Capacitor	8.5	0.5	30	43	30	408	258	610
				Direct								
F-33P	3(2.2)	3"(80)	1	Capacitor	10.5	0.6	36	45	30	408	258	610
				Direct								
F-05A	1/2(0.4)	2"(50)	1	Capacitor	8	0.1	6	12	8	227	161	352
				Direct								

Note : Weight W/O Cable