AF Type Sewage Pump

■ FEATURES

● International standard design: VCT cable, autocut dry-motor, silicon carbide mechanical seal, high grade cast iron offering highest quality and performance.
● P/U/E multiple impeller designs to handle sewage solids and/or fibrous substances.
● Superior abrasion resistant mechanical seal manufactured with silicon carbide to ensure the best seal effect.
● Oil lip seal mounted outside of seal chamber stops solids gathering around seal faces.
● Full range offering low to high head and flow capabilities, with compact and easy installation. Also, available with Guide Rail System, which allows automatic remote connection and disconnection without entering the pit.
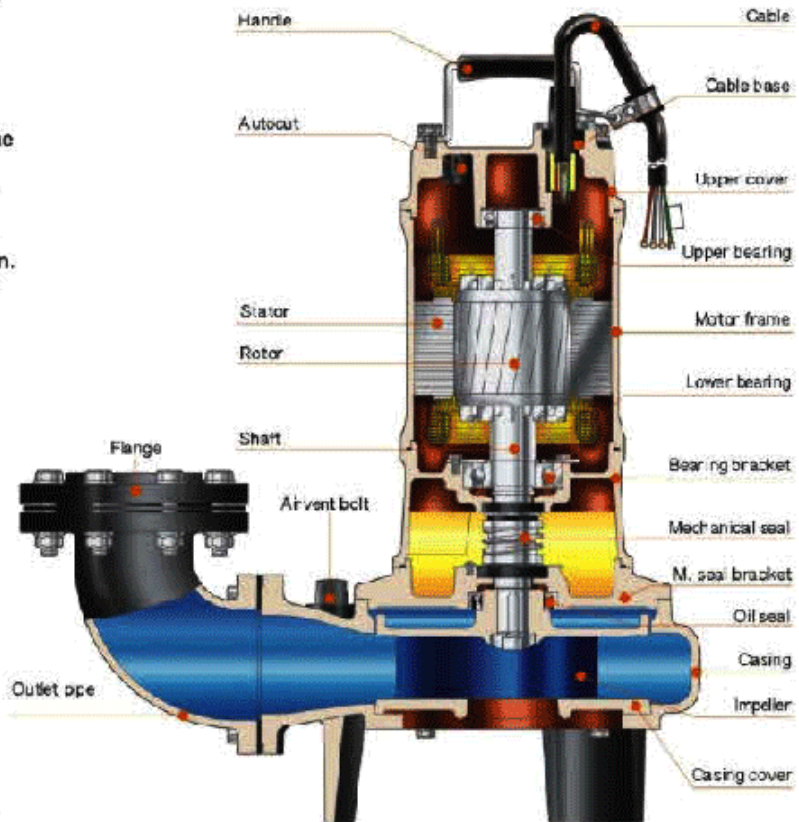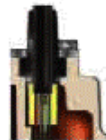
◎ Auto cut

● Equipped with an automatic reset motor protector, which prevents the motor from burning due to high temperature/high amperes and/or locked impeller.

◎ Cable base

● Epoxy resin sealed cable base to prevent moisture from entering into motor.

■ APPLICATIONS

● Drainage of waste water from the attenuation tank, purifying tank and sewage tank in water treatment plant.
● Drainage of waste water containing fibrous additives from leather factory, dyeing factory and food processing factory.
● Sewage management, accumulated water, septic tank, stock farm.
● Pumping sewage from single and multi family dwellings.
● Pumping sewage from hotels, restaurants, schools and public buildings.

● Public facilities drainage

■ SPECIFICATION

Pumping load		Disc. diameter(mm)	50・80・100
		Liquid temp.	0~40℃
		Liquid nature	Waste water and sewage
		Max depth	30m
Pump	Structure	Impeller	Non-clog
			U type : Semi-Vortex E type : Semi-open
		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(5HP:F Class)
		Frequency	50Hz
		Protector	Autocut
	Material	Frame	FC-200
		Main shaft	SUS410/SUS403
			SUS420J2(4P:3HP~5HP)
		Cable	VCT

※Pumps can be manufactured with specific requirements.