



An ISO 9001, 14001 Certified Company

OSWAL

Sewage Pump



Sewage Pump

OFP

Sewage Pumps (1.0 HP to 3.0 HP)

Performance Range

- ➔ Flow rate up to 1000 l/min. (60 m³/hr)
- ➔ Dynamic head up to 19.0 m.

Applications

- ➔ Drainage of sewage from the building basements, hotel industry, waste 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.

Features

- ➔ A precision manufactured motor is achieved utilizing a laminated sheet steel production process combined with the highest standard of quality control. The drive shaft and rotor assembly is heat - treated and the stator and wiring impregnated with varnish and then heat dried in an industrial oven. This ensures a 100% quality manufactured motor with stable characteristics and a high efficiency.
- ➔ Standard accessories include: VCT cable with an epoxy resin sealed water - resistant cable base, AC thermal motor protector, dual mechanical seal and lip seal design.

Special Features on Request

- ➔ Other voltages,
- ➔ Available in 60Hz.

Thermal overload protector

- ➔ Equipped with Automatic reset motor protector prevents motor from burning due to high temperature / phase failure / voltage drop and lock impeller.



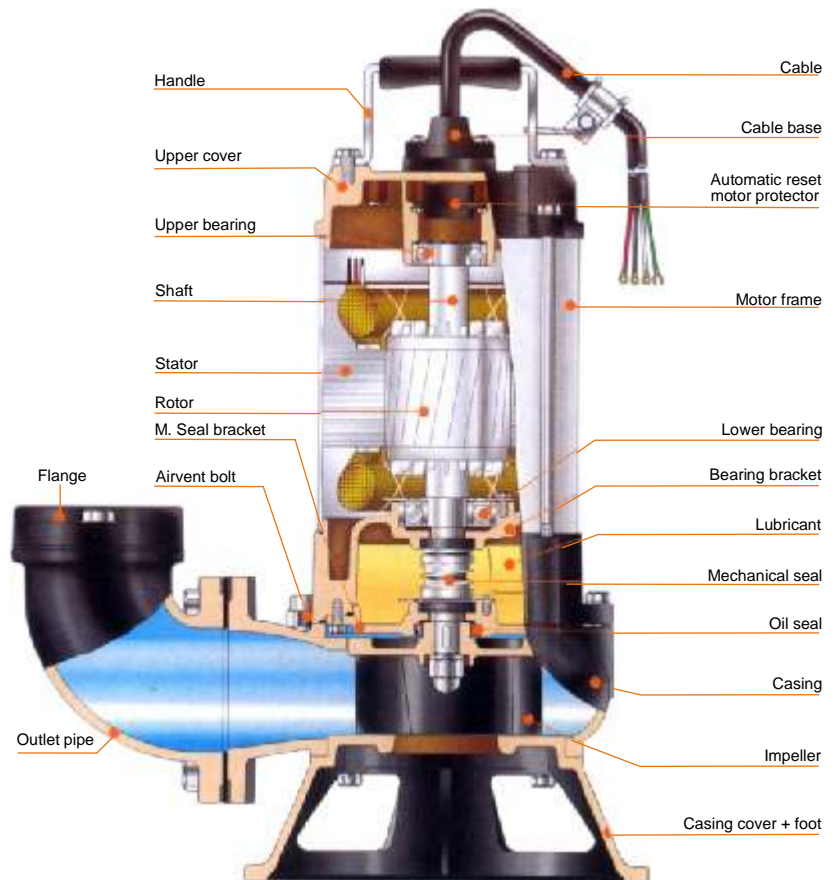
Cable Base

- ➔ Epoxy resin seal cable base to prevent water intrusion into motor through the cable wire.



P Type Impeller

- ➔ Semi-open impeller cutting foreign particles, and preventing clog by solid media.



Specification

	Diameter (mm)	50 - 80	
Pumping liquid	Liquid Temp.	0 - 40°C	
	Liquid nature	Waste water and sewage water	
	Max. Depth	18.5M	
Pump	Structure	Impeller	Semi - open
		M. Seal	Double mechanical seal
		Bearing	Ball type bearing
	Material	Impeller	Grey Iron
		Casing	Grey Iron
		Upper cover	Grey Iron
		Casing cover	Grey Iron
M. Seal	Motor side	Carbon v/s Ceramic	
	Pump side	Silicon Carbide v/s Silicon Carbide	
Motor	Insulation	B Class	
	Frequency	50Hz	
	Thermal Protector	Automatic reset motor protector	
	Material	Frame	AISI 304
		Main shaft	AISI 410
Cable		VCT	
Protection	IP 68		
Duty	Continuous		
Voltage	1Ph. 230V+5 - 15%, 3Ph. 400V + 5 - 15%		

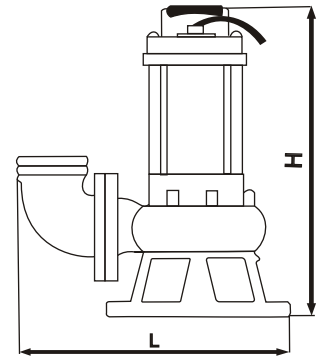
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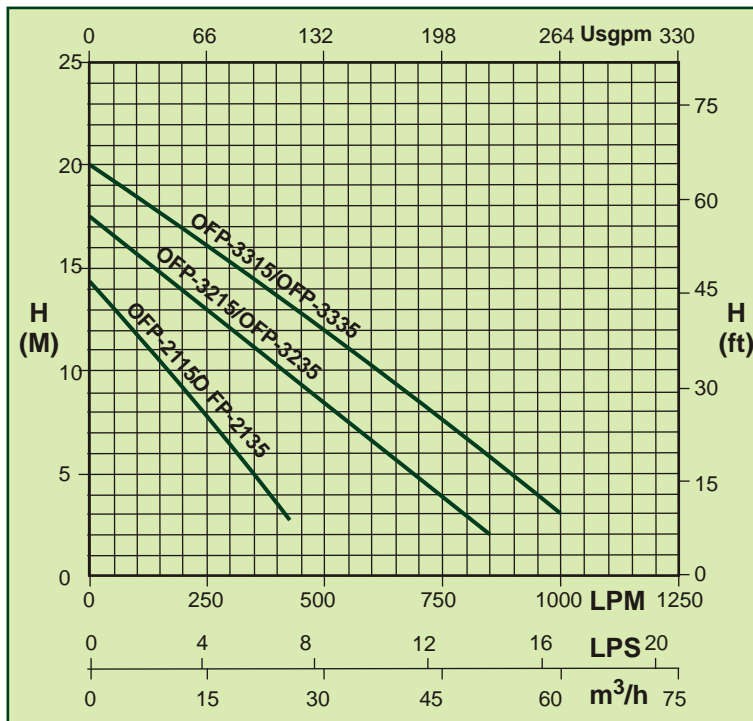
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DIMENSIONS

Model		Disc. Inch (mm)	Dimensions mm			Solid Passage (mm)	Net Weight (Kg.)
Single Phase	Three Phase		Length	Width	Height		
OFP-2115/2115F	-	2" (50)	280	234	480	23	25.300
-	OFP-2135		280	234	480	26	25.300
OFP-3215	-	3" (80)	410	258	528	32	42.100
-	OFP-3235		410	258	528	30	42.100
OFP-3315	-	3" (80)	410	258	595	35	48.100
-	OFP-3335		410	258	595	30	48.100



PERFORMANCE CHART AT n = 2900 RPM FOR SEWAGE PUMP



PERFORMANCE DATA AT n = 2900 RPM

Model		Power		Start Method	m³/h l/min.	3	6	12	18	24	36	48	60																
Single Phase	Three Phase	kw	HP			50	100	200	300	400	600	800	1000																
OFP-2115/2115F	-	0.75	1.0	Capacitor	H(m)	13	12	9	6.5	3.5	-	-	-																
	-			Direct																									
OFP-3215	-	1.50	2.0	Capacitor										16.5	16	14	12	10.5	6.5	3	-								
	-			Direct																									
OFP-3315	-	2.20	3.0	Capacitor																		19	18.5	17	15.5	14	10	7	3
	-			Direct																									

Note : Subscript "F" Pumps will be provided with a float switch.



Oswal Pumps Ltd.

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