



## FSS Series

### Double Casing Dewatering Pumps full stainless steel motor cooled by pumped liquid

Power output up to 750w (1 hp). Head up to 15 m (50 ft). Flow up to 320 l/min (85 gpm)



**Greatly versatile and functional state-of-the-art design, made to withstand even the most severe environments.**



#### Pump Description:

- Integrated stainless steel outer case and strainer.
- Constructed entirely in Stainless Steel: motor cover, motor frame, impeller.....all in stainless steel.
- Cutting-edge designed double casing with circumferential liquid flow allows continuous full load operation even when not fully submerged.
- Highly wear resistance heat treated 410 stainless steel shaft.
- Double mechanical seals (lower silicon carbide v silicon carbide, upper carbon/ceramic) ensure great durability.
- All surface materials and oil are non-toxic.
- Rigid stainless steel casting impeller, great abrasion resistant.
- Max. liquid temperature: 104°F (40°C)
- Max. submerged depth: 26ft (8m)
- Cable: 20ft (6m) PVC supplied, HO7RN-F optional.
- Water level control: external single ball float optional.

#### Motor Features:

- Oil-free motor with thermal and over-current protector.
- Asynchronous 1 & 3 phase, 2 pole, 50Hz/2850rpm or 60Hz / 3450rpm
- Insulation class F, Protection type IP-68.

#### Prolonged Operating Life

Non-toxic rubber latex pump casing with exceptional wear-resistance effect.

Stainless steel casting suction plate.

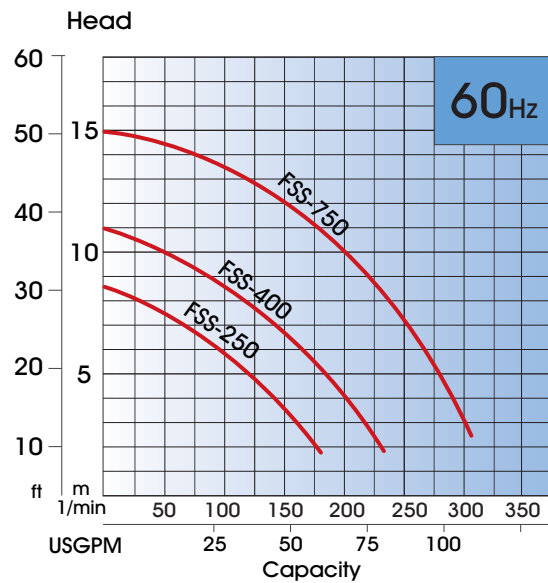
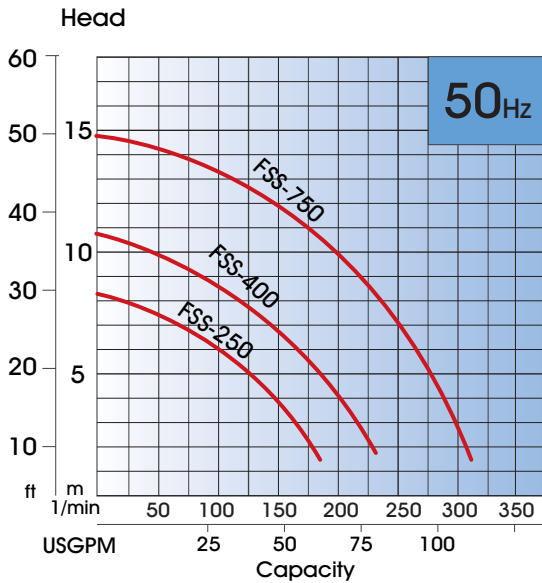


## Applications

- a. Abrasion & corrosion resistance for sea water transfer and various irrigation purposes.
- b. Food and beverage processing, chemical transfer or drainage of sump containing chemicals.
- c. Wastewater discharge for households, industries, and small municipalities.
- d. Construction sites & civil engineering projects incl.: subways, tunnels, dams.
- e. Utilities: telecommunications, power generation plants.



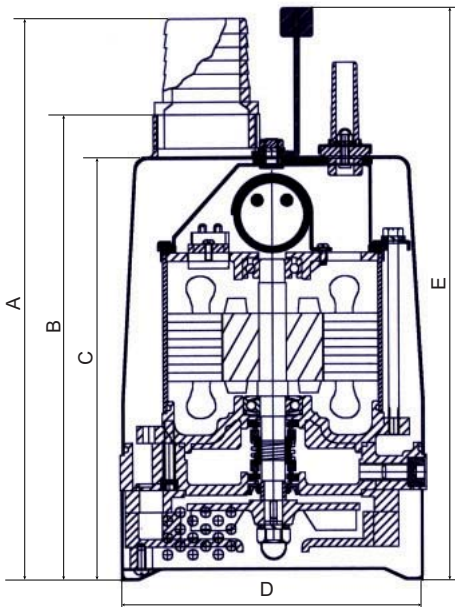
## Performance Curve



## Technical Specifications

Type	Outlet		Output		Voltage 1 & 3 p	Nor.Head		Nor.Capa.		Max.Head		Max.Capa		Solid Pass.		Weight	
	mm	inch	watt.	hp		m	ft	l/min	USgpm	m	ft	l/min	USgpm	mm	inch	kg	1b
FSS-250	40	1 1/2	250	1/3	110/220v	6	20	100	26	8.5	28	200	53	6	0.24	12	26
FSS-400	50	2	400	1/2	220-240v	7	23	140	37	11	36	240	63	6	0.24	12	26
FSS-750	50	2	750	1	380/415v	10	33	200	53	15	49	320	85	8	0.32	15	33

## Dimensions



## Main parts description

- . Epoxy sealed watertight cable gland and waterproof joints.
- . Stainless steel 304 outer case, motor cover, and motor casing.
- . Stainless steel 410 motor shaft
- . Non-toxic rubber latex volute liner
- . Stainless steel casting impeller
- . Stainless steel inlet plate
- . Stainless steel 304 strainer

Type	A		B		C		D		E	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
FSS-250	332	13	276	10.8	250	9.8	179	7.0	338	13.3
FSS-400	332	13	276	10.8	250	9.8	179	7.0	338	13.3
FSS-750	359	14	303	11.9	277	10.9	179	7.0	359	14.1