

HS

Submersible Sand/Trash Handling Torque Flow Pump

Submersible trash pump handles sand, solids, leaves and debris up to 1" x 3/8" using a semi-vortex impeller & shaft mounted agitator.

Easy pump end disassembly by removing only 3 cap nuts.

HS2.4S-60

- Torque flow design decreases wear by minimizing contact with abrasives.
- Urethane rubber impeller and ductile iron casting pump casing for maximum durability.
- Built-in shaft mounted agitator suspends solids.



Major Standard Specifications

Item	Discharge bore size inch	2	HS2.4S-60	
Pumping Fluid	Type of Fluid	Rain Water, Ground Water, Sand Carrying Water		
	Liquid Temperature	32°-104° F		
Pump	Components	Impeller	Semi-Vortex	
		Shaft Seal	Double Mechanical Seal	
		Bearing	Shielded Ball Bearing	
	Materials	Impeller	Urethane Rubber	
		Casing	Ductile Iron Casting	
		Shaft Seal (mechanical seal)	Silicon Carbide	
Motor	Type, Poles	Dry-Type Submersible Induction Motor, 2 Poles		
	Insulation	Class E		
	Phase / Voltage	Single-Phase / 110V		
	Motor Protector (Built-in)	Circle Thermal Protector		
	Lubricant (mechanical seal)	Turbine Oil (ISO VG32) 4.3 oz.		
	Materials	Frame	Aluminum Alloy Casting	
		Shaft	Stainless Steel #403	
		Cable	PVC Sheath	
Discharge Connection	NPT Hose Coupling			

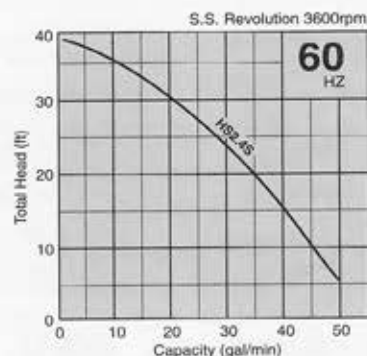
Standard Quality Features

- Silicon carbide faced double mechanical seal.
- Built-in motor protector (thermal and over current).
- Cable clip to protect cable entry.

Optional Accessory

- TS-301 Float Switch for automatic operation.

Performance Curves



Specifications 60HZ

Discharge Bore inch	Model	Motor Output HP	Phase	Total Head (MAX.) ft.	Capacity (MAX.) gal/min	Rated Current A	Starting Method	Ship Weight lb.	Length of Cable ft.	Dimensions inch			C.W.L. inch
										W	D	H	
2	HS2.4S-60	1/2	Single	39	50	5.1	Capacitor	28	16	7 1/4	9 1/2	13 3/8	3 1/2

■ Max. Cable Length (including standard 16 ft.)
HS2.4S-60 102 ft. 3c x 16AWG

■ C.W.L. Continuous Running Water Level