Submersible Single-phase Portable Drainage Pumps



A powerful high volume type now added to best-selling HS-series pumps



HS3.75SL/HSZ3.75SL MODEL

Features

Anti-wicking Cable Entry

Prevents water incursion due to capillary action should the cable sheath be damaged or the end of cable submerged. Also prevents moist air from infiltrating the motor housing and condensation from forming inside the housing due to temperature differences between the housing and outside air.

Dual Inside Mechanical Seals with Silicon Carbide Face

Eliminates problems like spring failure and ensures a long service life. Isolated in the oil chamber where a clean, non-corrosive and abrasion-free lubricating environment is maintained. The silicon carbide provides 5 times higher corrosion, wear and heat resistance than the tungsten carbide.



3 Oil Lifter

Provides lubrication and cooling of the seal faces down to 1/3 of normal oil level, thus maintaining a stable shaft sealing effect and prolonging seal life longer. The Oil Lifter



V-ring (0.75kW only)

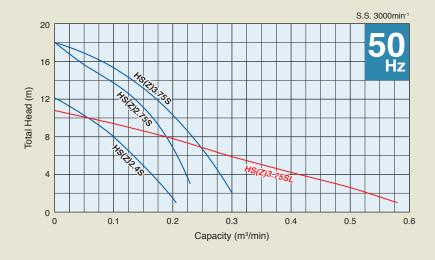
Used as a "Dust Seal," they protect the mechanical seal from abrasive particles.



5 Agitator

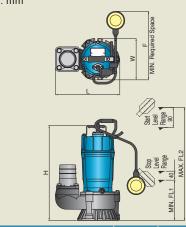
Prevents the air lock that tends to take place on vortex or semi-vortex pumps.

Performance GurvesStandard and Automatic models have the identical performance.



Moter Protector Cable Clip 2.3

Dimensions



Model	F	FL1	FL2
HSZ2.4S	340	120	385
HSZ2.75S / HSZ3.75S	370	150	475
HSZ3.75SL	400	180	505

Model Selection

Discharge Bore	Model		Motor Output	Phase	Starting Method	Solids Passage	Dimensions L x W x H	Dry Weight kg		Cable Length
mm	Standard	Automatic	kW			mm	mm	Standard	Automatic	m
50	HS2.4S	HSZ2.4S	0.4	Single	Capacitor Run	7	241 x 184 x 328	11.3	11.3	5
50	HS2.75S	HSZ2.75S	0.75	Single	Capacitor Run	7	285 x 184 x 394	16.4	16.4	5
80	HS3.75S	HSZ3.75S	0.75	Single	Capacitor Run	7	285 x 184 x 394	16.8	16.8	5
80	HS3.75SL	HSZ3.75SL	0.75	Single	Capacitor Run	7	288 x 184 x 425	19.6	19.6	5

[•] Male threaded coupling for pipe connection available on special request

Product images and specifications may differ from actual products due to improvements. The OO series and model OO are indicated with our series/model codes in this catalog.

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[·] Weights excluding cable