

# Model CSU, CSHU



**PRO Cast**  
Submersible Sump Pump

EBARA International Corporation Standard Pump Division

# Submersible Sump Pump

## Features

- **Air filled, Class F insulated, heavy duty motor, rated for 20 starts/hour**, dissipates heat easily, operates cooler with higher efficiencies; longer service life with lower operating costs
- **Built in motor protection autocut** protects motor against overheat, out of phase, single phasing, and no load; saves money on costly motor replacement
- **Molded cable prevents capillary action**, in addition to a positive seal, it protects against moisture entering the motor via capillary action through the cable insulation in the event of cable damage; reduces maintenance costs to replacing only the cable rather than the motor
- **60,000 hour bearings** ensures long dependable operation; lower maintenance costs
- **Open impellers** offer the best design for handling stringy and/or abrasive materials due to the large wear area and open passageways, providing durability and longer life
- **400 series stainless steel shaft** provides high tensile strength as well as corrosion resistance, longer life and lower maintenance costs
- **Double mechanical seals — silicon carbide lower seals, carbon/ceramic upper** - hard faced upper and lower seals operate in an oil bath; providing longer service life and lower maintenance costs
- **High wire to water efficiencies** - reduced power consumption; reduced cost of operation
- **Small and light weight portability**; easy to transport for temporary installations
- **Available for slide rail installations** provides ease of maintenance for small sump type installations

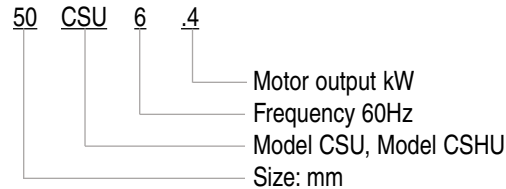
## Specifications

Range	Discharge size Horsepower	2, 3, 4 inch ½ - 5 HP CSHU (high temp) 3 - 10 HP CSU
Liquid	Maximum water temp.	122°F Model CSU 158°F Model CSHU (½ - 1 HP) 176°F Model CSHU (2 - 5 HP)
Speed		3600 RPM
Materials	Casing Impeller Shaft	Cast Iron Cast Iron 403 Stainless Steel
Construction	Impeller type Bearing	Double mechanical seal Open Pre-lubricated ball bearing
Motor	Type Three phase Insulation class  Service factor Protection	Air filled 208/230V, 460V F (CSU) H (CSHU ½ - 2 HP) 1.15 Built-in overload protector -Autocut
Accessories		Cast Iron companion flange 2" only Submersible cable 20 ft – up to 2 HP 33 ft – 3 to 10 HP Optional 66 ft – 3 to 10 HP

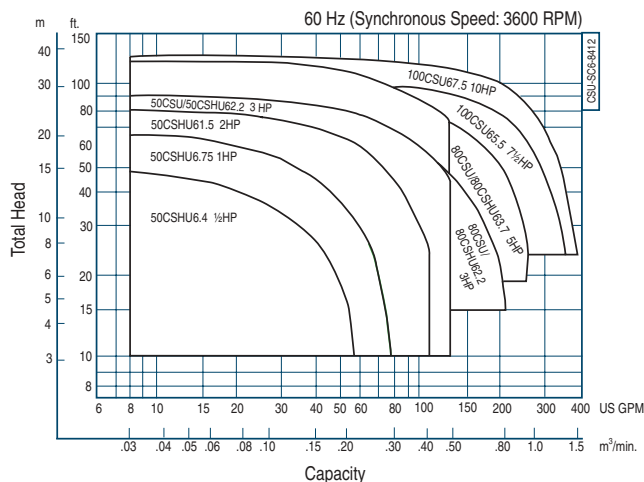
## Applications

- water
- dewatering
- drainage
- construction
- effluent
- hot water

## Model number



## CSU, CSHU selection chart



**EBARA International Corporation**

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