

# Submersible Corrosion Resistance Pumps

*Versatile, really robust and definitely reliable*

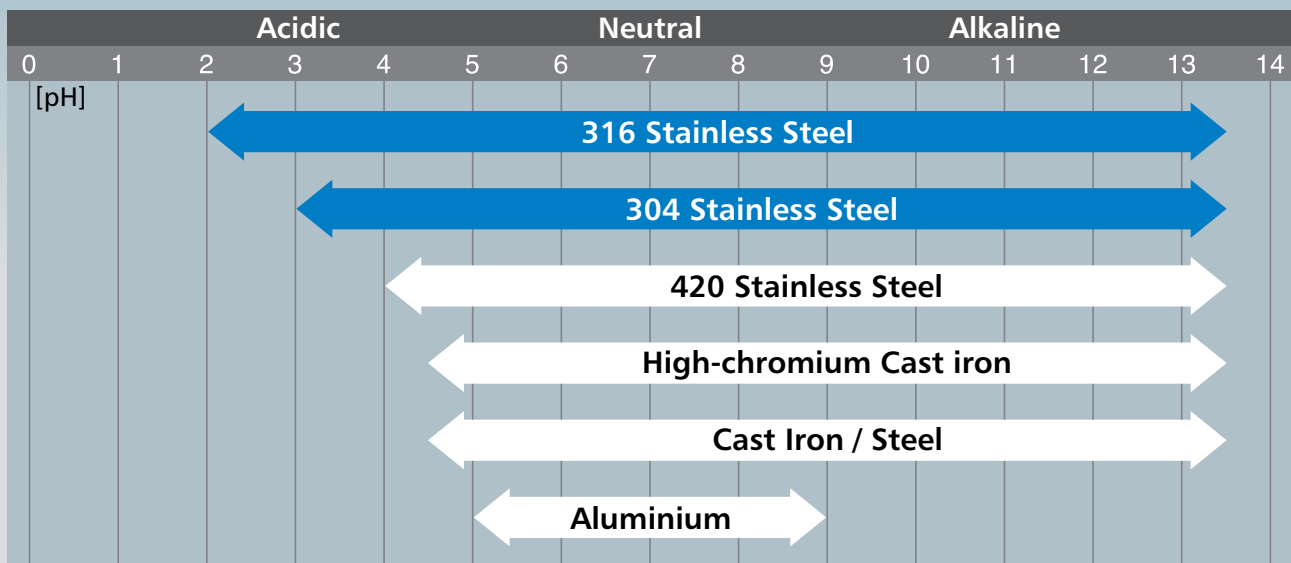


**MBH<sup>®</sup>**  
**PUMPS**

# Handling Corrosive Liquids is simple for us

MBH Submersible Corrosion resistance pumps - DS Series, SSPS, DCSS, SSNSS are high power, heavy duty dewatering pumps incorporating Special material for Prolonged life of the pump for use in highly corrosive environment. Being Equipped with Stainless steel (SS 316 / SS 316 L / SS 304 / Duplex) parts, the pump delivers outstanding durability in long run. All of the parts of MBH pumps corrosion resistance pumps that contact fluid, including the impeller, pump casing, motor frame, strainer stand, and hose coupling, are made in stainless steel. MBH all stainless steel pumps can handle corrosive fluids generated in mines or quarries, and chemical fluids of low pH value along with sea water.

## pH values & corrosion resistance of MBH Pumps



The above data is a rough indication for sulfuric acid (H<sub>2</sub>SO<sub>4</sub>) and sodium hydroxide (NaOH). Metals are affected by the type of acid/alkali, seal material, painting and abrasive environment.

## Applications

1. Transferring & draining Seawater from Dockyards, Ports, Ship repair facilities & dry docks.
2. Transferring corrosion resistance chemicals & fluids in Chemical plants.
3. Draining Corrosive fluids generated in mines & quarries.
4. Dewatering Sea water in Industries situated at Sea sides.
5. Various waterfront development projects
6. Aquaculture facilities.





### DS Series Duplex Steel Submersible Pumps

**Technical Specifications :**

Head : upto 65 meters  
 Capacity : upto 4000 m<sup>3</sup>/hr  
 HP : upto 250  
 Solid Size : 100 mm  
 MOC : Duplex Stainless Steel  
 Frequency : 50 / 60 Hz



### SSNSS Series Stainless Steel Submersible Pumps

**Technical Specifications :**

Head : upto 50 meters  
 Capacity : 420 m<sup>3</sup>/hr  
 HP : upto 60  
 Solid Size : 35 to 100 mm  
 MOC : Stainless Steel 304 & 316  
 Frequency : 50 / 60 Hz



### DCSS Series Corrosion Resistance Dewatering Pumps

**Technical Specifications :**

Head : upto 55 meters  
 Capacity : upto 135 m<sup>3</sup>/hr  
 HP : 1 to 15  
 Solid Size : upto 10 mm  
 MOC : Stainless Steel  
 Frequency : 50 / 60 Hz



### SSPST Series Corrosion Resistance Sewage Pumps

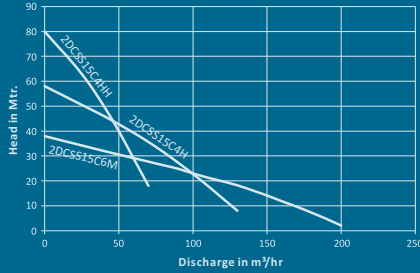
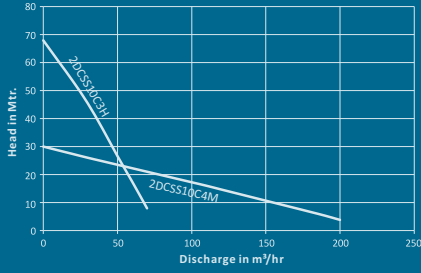
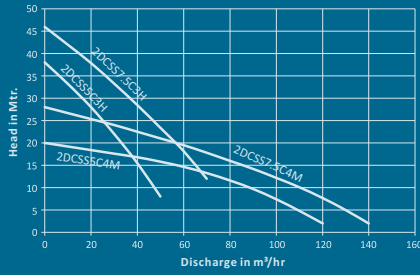
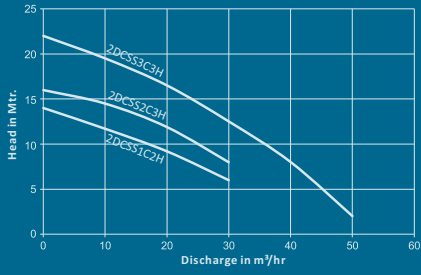
**Technical Specifications :**

Head : upto 26 meters  
 Capacity : upto 85 m<sup>3</sup>/hr  
 HP : 2 to 10  
 Solid Size : upto 35 mm  
 MOC : Stainless Steel Pumps in SS 304, SS 316, SS 316 L  
 Frequency : 50 / 60 Hz

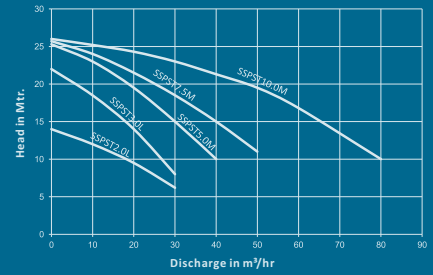
Material	DS Series	SSNSS Series	DCSS Series	SSPST Series
Top Cover	Duplex Steel - 3A	SS 304 / SS 316 / SS 316 L	SS 304 / SS 316 / SS 316 L	SS 304 / SS 316 / SS 316 L
Motor Body	Duplex Steel - 3A	SS 304 / SS 316 / SS 316 L	SS 304 / SS 316 / SS 316 L	SS 304 / SS 316 / SS 316 L
Shaft	SS 420	SS 420	SS 410	SS 410
Casing	Duplex Steel - 3A	SS 304 / SS 316 / SS 316 L	SS 304 / SS 316 / SS 316 L	SS 304 / SS 316 / SS 316 L
Impeller	Duplex Steel - 3A	SS 304 / SS 316 / SS 316 L	SS 304 / SS 316 / SS 316 L	SS 304 / SS 316 / SS 316 L

# Performance curves for 50 Hz / 60 Hz

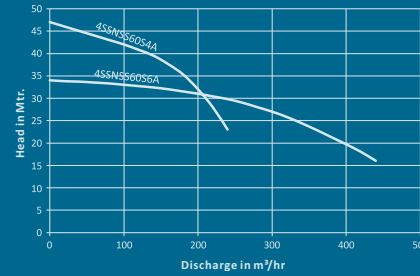
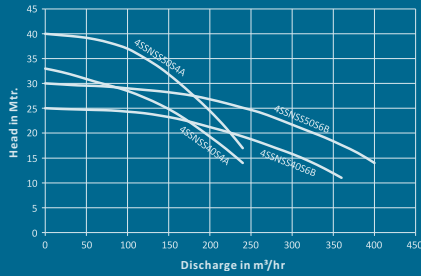
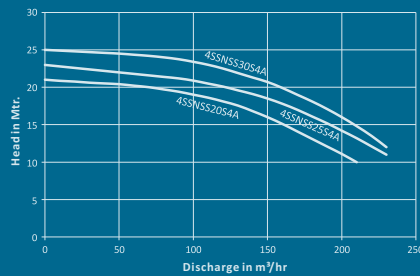
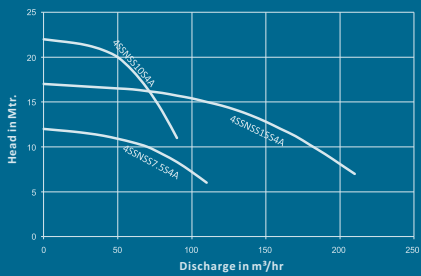
## DCSS Series



## SSPST Series



## SSNSS Series



Specifications and performance are subject to change without prior notice. Images used are for illustration purpose only.



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