

# Tough Pumps HD Series Dewatering

*Versatile, really robust and definitely reliable*



**MBH<sup>®</sup>**  
**PUMPS**

# Tough Pumps

## HD Series Dewatering

The HD series dewatering pump is ideal for operation in deep excavations where very high head pumping is needed, such as in open pit mines as well as in underground mines. Other typical applications include quarries and tunneling projects.

HD series dewatering is designed to handle pH levels from 6 to 13; zinc anodes are available for extra protection. As this pump is made of cast iron, it is also the right choice for heavy-duty applications in salt water. MBH reliable pumps are designed for long time operation and are easy to install.



### Applications

- Mining Source Water
- Tunneling face & stage dewatering
- Open pit - underground Mine dewatering

### Classification

- Electrical submersible pump
- Protection class : IP68

### Electrical motor

- Squirrel cage 3 phase induction motor
- Insulation class : H (IEC 85)

### Motor protector

- Temperature guard with thermal contacts in the stator
- This pump must be used with external motor protection in accordance with technical data

### Shaft seals

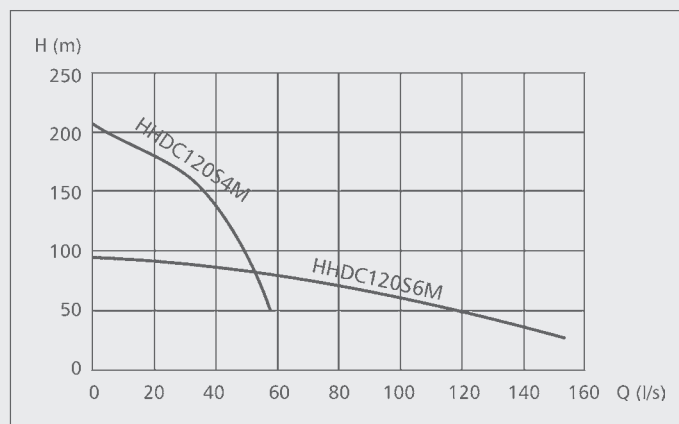
- Double mechanical shaft seals with an oil compartment between the seals
- Material lower seal: tungsten carbide - tungsten carbide
- Material upper seal: tungsten carbide - tungsten carbide

### Bearings

- Main bearing: two single-row angular contact ball bearings
- Support bearing: cylindrical single-row roller bearing with C3 clearance

### Discharge connections

- 4-6" (DN 100-150) Flange SMS, DIN, BS or ANSI



### Pump types

HHDC120S4M : Normal head  
HHDC120S6M : High head

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

# MBH® PUMPS

mbh pumps (gujarat) pvt. ltd.  
Plot No. 14, G.I.D.C. Indl. Estate,  
Naroda, Ahmedabad - 382 330, India.  
+91-79-2282 3066, 2282 1018  
marketing@mbhpumps.com  
exports@mbhpumps.com  
www.mbhumps.com

