

H₂O Series CENTRIFUGAL End-suction Pumps

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Design Features

- Top centerline discharge with foot supported casing.
 - Ease of installation.
 - Simplifies piping layout.
 - Reduces problems associated with piping strain.
- Self-venting design eliminates the need for automatic air release valve.
- Rear pullout design supplied as standard with spacer coupling.
 - Ease of maintenance, eliminates disturbing driver or piping when removing rotating element.
- Hydraulically balanced impeller extends bearing life and assures smoother operation.
- Available in electric motor or diesel engine driven configuration.

Performance

Capacity upto 600 m³/h (2900 USgpm)
Head upto 170 m (800 feet)
Speed upto 2950 rpm (3550 rpm)

Pump sizes

DN 25 upto DN 200 (1" upto 8") discharge

Casing pressure

upto 16 bar (235 PSI)

Liquids

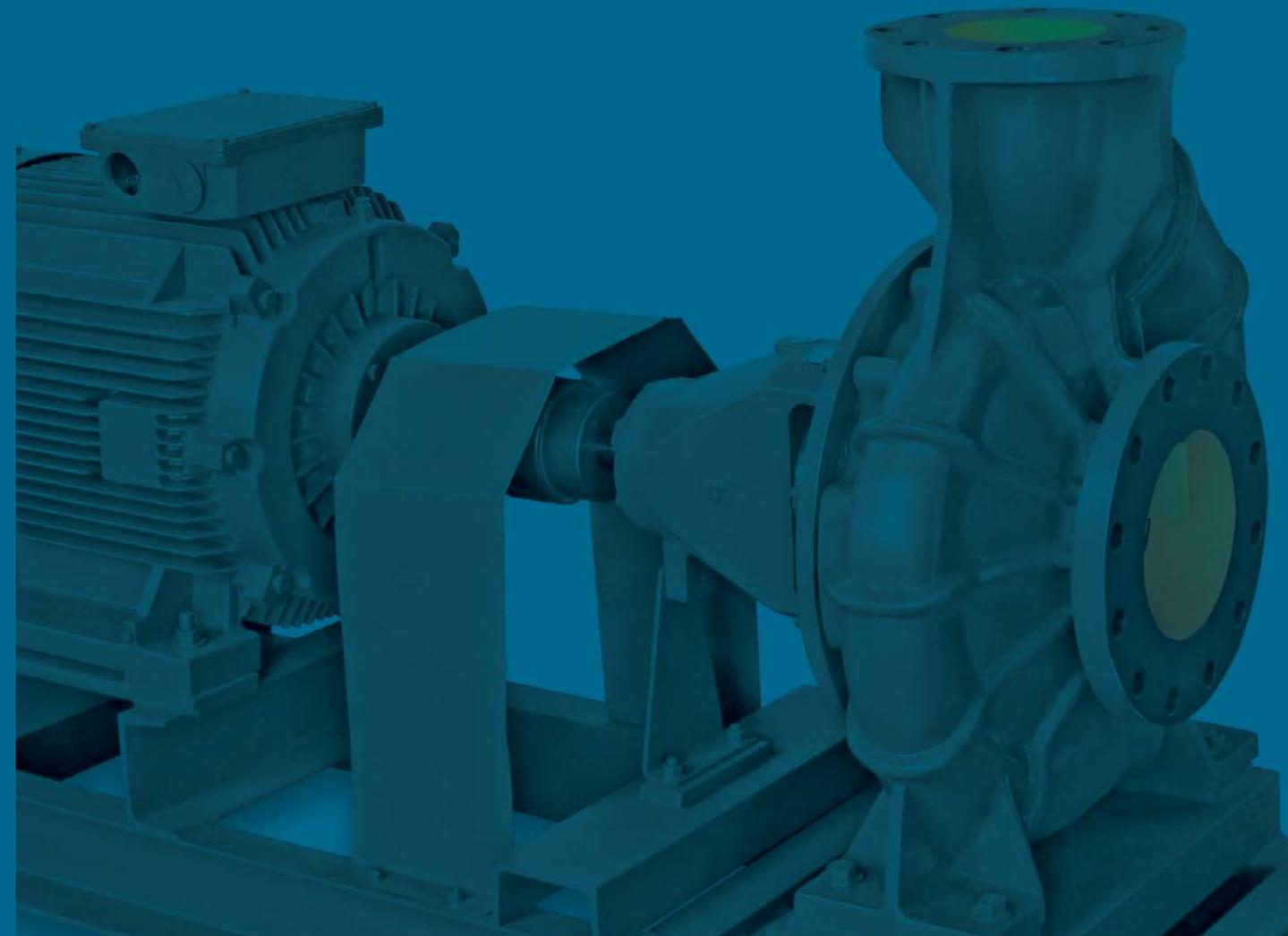
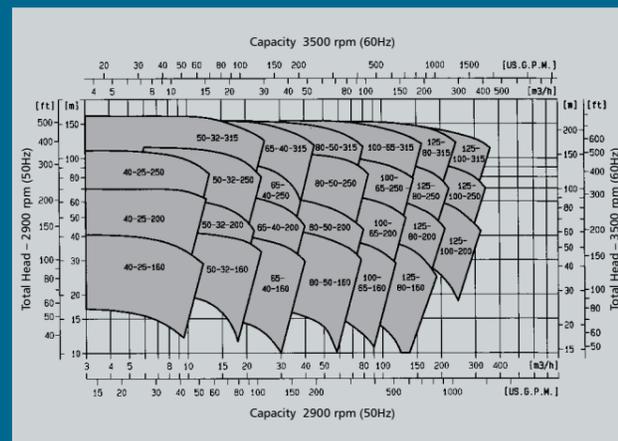
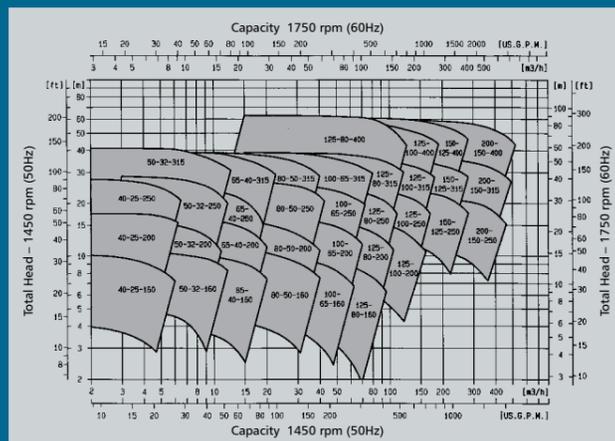
Clean and slightly contaminated fluids
(without bigger solids)
Cold and hot water
Condensate and DM water
Oil, brine, caustic and acid suspensions

Materials

Volute Casing : CI FG 260, SS 304, SS 316
Impeller : CI FG 260, SS 304, SS 316, Bronze

Shaft Sealing Pump

Pump supplied with either gland packing or mechanical seals. Stuffing box is designed with connections for sealing and flushing liquid. Mechanical seal of various makes, balanced or unbalanced type can be fitted easily in stuffing box.



Versatile, really robust and definitely reliable

MBH[®]
PUMPS

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



MBH Fire Fighting System



MBH HVAC System



MBH Pumps offers state-of-the-art fire pumpset with diesel engine or motor driven horizontal end-suction pump. These pumpsets are typically used in fire-fighting applications for supplying water to fire hose reels, fire hydrants or sprinkler systems.

Pumps have a discharge upto 2900 USgpm and the head range upto 230 psi. These fire pumpsets meet or exceed the requirements of NFPA20.

Installations of these pumpsets would ensure the safety of human life, buildings, expensive plants and equipments. The fire pumpset typically consists of the following equipments:

- Pump
- Motor **OR** Diesel engine assembled with cooling, fuel, battery and exhaust system
- Fire pump controller
- Suction and discharge gauge
- Air relief valve
- Common base plate

* For your jockey pump requirements kindly contact at marketing@mbhpumps.com

Strength, efficiency and reliability are the hall mark of MBH End-suction Centrifugal Pump range. These powerful single stage pumps are design to work hard in most demanding building and industrial environments, where only the fittest pumps can survive in long run. All pumps are designed to comply **DIN 24255** and **ISO 2858**. Over the years the pumps have been carefully optimized and refined to offer unsurpassed energy efficiency and performance.

The impressive range of MBH End-suction Pumps is compatible with an array of application areas including

- Water Intake
- HVAC
- Cooling Towers
- General Process Water
- Cold and hot Water Transfer
- Fire Fighting
- Industrial liquid transfer
- Filter systems, ultra filtration

Pumps supplied with special HVAC controller as well as VFD.

Variety of Features for Pump Controller

- Wall Mounted/Floor Mounted Enclosure
- Internal Circuit breaker with door interlock
- System can control 1-6 pumps, extendable upto 8 Pumps
- Microprocessor based pump logic controller
- Embedded logic to prevent pump hunting, pump flow surges and motor overheating
- Manual and Automatic System control (Manual/Off/Auto)
- Alpha Numerical Alarm and Fault data login Remote start/stop mode
- Real time Clock
- Each Pump operational data log
- Controllers available with VFD's, with/without bypass starter and single/multiple DPT's. VFD inside the enclosure with/without bypass starter and single/multiple DPT's.

Customised panels on request.