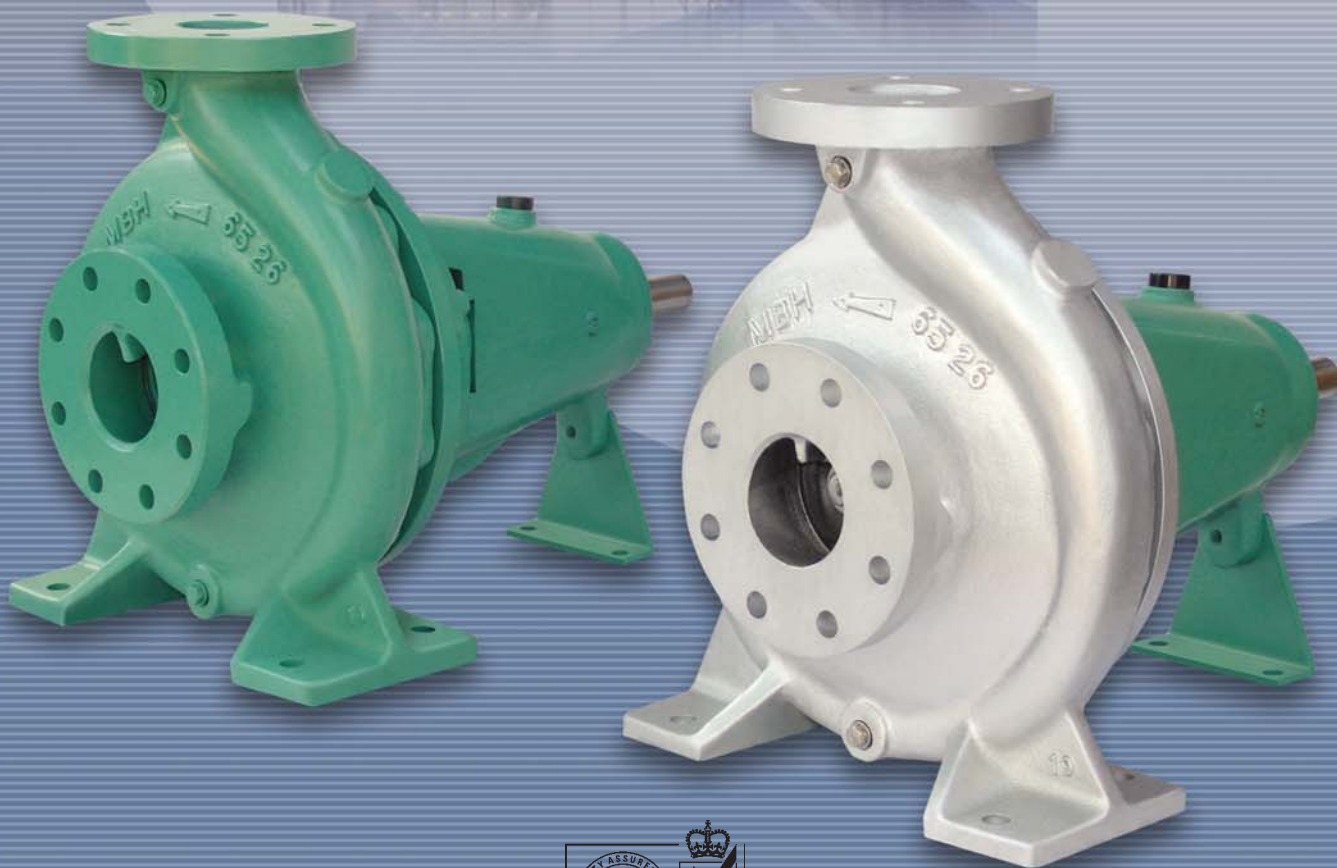


# MBH PUMPS

Back Pull Out  
Chemical & Process Pumps



*A Mark of Quality*

# MBH PUMPS

## Back Pull Out Chemical & Process Pumps

### DESIGN FEATURES

- Design confirms to DIN 24255 or ISO 2858 Process pumps and back pull out design facilities for removal of complete pump rotor assembly without disturbing suction and discharge pipe.
- High degree of interchangeability is ensured, as entire pump series is covered by only 4 bearing brackets.
- Bearing brackets incorporate heavy duty roller bearing and angular contact or deep groove ball bearing with grease or oil lubrication
- High temperature duty design available with center line mounting and stuffing box with cooling connections
- Simple change over from gland packing to mechanical seal is possible with the aid of standard conversion parts without re-machining

### APPLICATIONS

- For pumping clear water, turbid water upto 3000 ppm, various chemicals & volatile liquid, viscous liquid, fertilizer, sugar, paper and other process industries.

### OPERATING RANGE

- For Speed 1450 rpm : Q = 300 m<sup>3</sup>/hr, H = 60 mtrs.
- For Speed 2900 rpm : Q = 350 m<sup>3</sup>/hr, H = 120 mtrs.

### WORKING PRESSURE

- Upto 16 kg/cm<sup>2</sup> in CI
- Above 16 kg/cm<sup>2</sup> in Alloy

### TEMPERATURE

- - 30°C to 100°C in Grey Cast Iron
- - 30°C to 300°C in S.G. Iron & Steel

### VOLUTE CASING

One piece, self venting, foot mounted volute casing with end suction & radially upward discharge.

### IMPELLER

Impeller is radial closed or semi open type with single or double curvature vanes. Axial thrust balancing by back vanes or wear or balancing holes.

### SHAFT SEALING PUMP

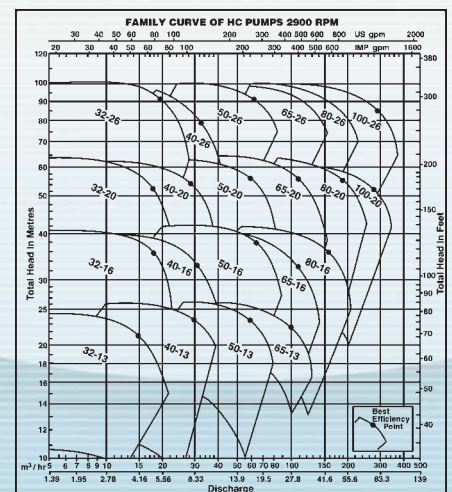
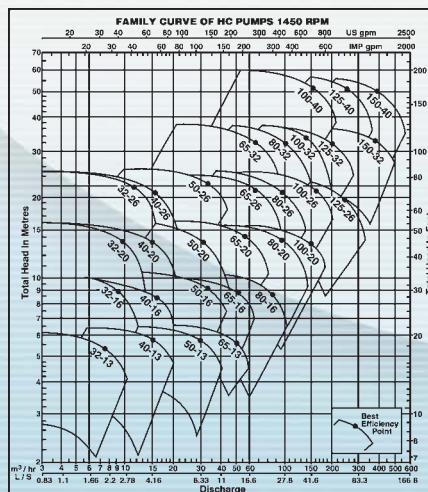
Pump supplied with either gland packing or mechanical seals. Stuffing box is designed with connections for sealing and flushing liquid. Mechanical seal of various makes, balanced or unbalanced type can be fitted easily in stuffing box.

### MATERIAL COMBINATION CODE

CODE	PUMP CASING STUFFING BOX & BACK COVER	IMPELLER	SHAFT	SHAFT SLEEVE
01	CI	CI	EN - 9	SS 410
02	CI	Ph. Bronze	EN - 9	SS 410
03	CI	Ph. Bronze	SS 410	SS 410
04	CI	SS 316	SS 410	SS 410
05	CS	CS	SS 410	SS 410
06	SS 304	SS 304	SS 410	SS 304
07	SS 316	SS 316	SS 410	SS 316
08	SS 316	SS 316	SS 316	SS 316

Note : Hastalloy B, Alloy 20, & Duplex S.S. are available on request.

### PERFORMANCE CHARACTERISTICS



As improvements are made in design from time to time, specifications and performance are subject to change without prior notice.

**MBH PUMPS**

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