



The **MB600** Series is a dimensionally interchangeable range of rotating, edge welded metal bellows seals developed using the most advanced design and manufacturing technology available.

A wide variety of material options are available making the seals applicable to general purpose process pumps in oil refining , chemical , petrochemical , steel mills , pulp and paper , indeed anywhere there is a need for secure, economical sealing.

### Specific Features of the MB600 Series

- High performance, state of the art edge welded metal bellows seal. Utilising optimised bellows shape for great estflexibility and maximum life.
- No dynamic O-rings or other sliding parts to "hang-up" or damage the shaft or sleeve. No seal "hang-up".
- No friction between flexible element and shaft provides excellent face tracking and low leakage characteristics.

#### ➤ Face Material

MBXX0 : CARBON

MBXX1 : SIC

#### ➤ Metal Components

MB620 : INCONEL 625 Bellows with Alloy 20

MB630 : HASTELLOY C

#### ➤ Performance Capabilities

**Pressure** : Vacuum to 2 MPa

(20kgf/cm<sup>2</sup>G, 285 psi)

**Temperature** : -75°C to 200°C(-100°F to 400°F)

**Shaft Speed** : to 25 m/s

**Viscosity** : to 1 Pa·s(1000cP)

