

ENGINEERING SPECIFICATIONS

BELLOW PUMP CONNECTORS

Bellow pump connectors should be used on all heating water connections on pumps and other mechanical equipment as indicated within the specifications, drawings and equipment schedules.

Piping system must be aligned prior to installation of connector.
The connector can not be used to correct piping misalignment during installation.

Bellow pump connectors are constructed with Series 300 stainless steel multi-ply bellows welded to 150 lb. carbon steel flanges. Three tie rods are factory installed to prevent excessive elongation and to control the static pressure thrust at full rated working pressure of the connector.

Tie rods should utilize rubber grommets to limit vibration transfer.

MPB has 1/2" axial compression, 1/8" axial extension and 1/8" lateral offset.
MPBR has 1" axial compression, 3/8" axial extension and 1/8" - 5/16" lateral offset depending on size.

Working pressure ratings for bellows pump connectors will be a minimum of 225 PSIG @ 70°F and 210 PSIG @ 360°F.

Bellow pump connectors will be TCH Series MPB or MPBR.