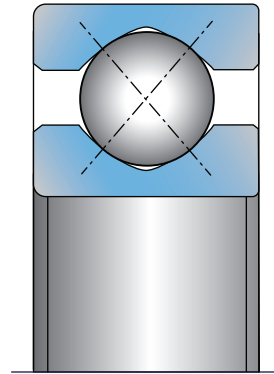


Four-Point Contact Ball Bearings

BX Series



- Handles radial, thrust and moment loads at once
- Dramatic space savings for minimal loss in moment load
- Reduced axial clearance and increased axial rigidity

Raceway shape forms a “Gothic Arc” rather than a continuous radius, to allow four points of contact between the rolling element and raceways instead of just two

- Simple Design
- High Quality Materials

Applications: Compressors, Pumps, Sheaves, etc.

Longer Life:

- Radial Load is dispersed through two points
- Angular Contact design handles axial loads
- Reduced contact stress
- Reduced operating temperatures

Calculated Life Comparison:

Bearing Size = $\text{Ø}25 \times \text{Ø}60 \times 16 \text{ mm}$
 Radial Load = 2,616 N
 Axial Load = 1,995 N

