**Corrosion Resistant Mounted Units... To operate in virtually any Corrosive Environment**

**Stainless Steel units...**

*The clear choice for EXTREME conditions with heavier loads.*

- Even under the harshest conditions - sulfuric, nitric or acetic acids and in contaminated or uncontaminated water conditions, PEER’s all stainless steel units provide excellent corrosion resistance.
- Stainless steel housings are designed with solid bases/backs and smooth surfaces to allow for complete and easy wash down.
- Stainless steel bearings are designed with extended inner rings for shaft stability and set screw locking for bidirectional applications.*
- Standard closures include a stainless steel slinger over a full contact silicone seal to form a double barrier of protection during operation and wash down.
- Stainless steel bearings are filled with FDA/USDA (approved for incidental food contact) water/wash resistant, odorless, tasteless Mobilgrease FM102.
- Stainless steel units are available from stock:*
  - Pillow blocks (P)
  - Tapped base pillow blocks (PAS)
  - Two-bolt flange (F)
  - Four-bolt flange (F)
- Standard stainless steel bearings are available in common inch and metric shaft sizes ranging from 1/4” to 1 1/2” and 20mm to 40mm.*

**PBT Thermoplastic Housings with Stainless Steel Bearings... or... PBT Thermoplastic Housings with Stainless/Zinc Chromate Bearings...**

*Two great options for severe conditions*

PEER Thermoplastic housings will cope with severe wash down conditions and temperatures to 285°F and have a tensile strength of 17,300 PSI (ASTM D638). They are resistant to moisture absorption and have high mechanical properties. These units maintain excellent chemical resistant ratings even in contact with hydrochloric, sulfuric, nitric and acetic acids. In addition, they can resist most hydrosolutes and alcohols.

- Housings are made from G.E. Valox® virgin PBT thermoplastic material and are designed with solid bases/backs and smooth surfaces to allow for complete and easy wash down.
- Stainless steel and stainless/zinc chromate bearings are designed with extended inner rings for shaft stability and set screw locking for bidirectional applications.*
- Standard closures include a stainless steel slinger over a full contact silicone seal to form a double barrier of protection during operation and wash down.
- Stainless steel and stainless/zinc chromate bearings are filled with FDA/USDA (approved for incidental food contact) water/wash resistant, odorless, tasteless Mobilgrease FM102.
- Thermoplastic units are available from stock:*  
  - Pillow blocks (P)
  - Tapped base pillow blocks (PAS)
  - Two-bolt flange (F)
  - Three-bolt flange (FB)
  - Four-bolt flange (F)
  - Hanger (HA)
  - Take-up (T)
- Standard stainless and stainless/zinc chromate bearings are available in all standard locking devices; set screw, eccentric locking collars or premium GRIP-IT™ locking collars.
- Black oxide bearings designed with slingers and full contact metal shroud seals for maximum protection.
- Castings available in any style listed in the PEER catalog.
- Black oxide bearings are available in all common inch and metric shaft sizes.

**Electroless Nickel plated... for moderate contamination conditions**

With an eye toward economy and in addition to contamination resistance, these PEER units are designed with black oxide inserts and electroless nickel plated housings. The results are mounted ball bearing units ideal for applications requiring corrosion resistance superior to the protection provided by conventional painted cast or ductile iron housings.

- Housings plated with .001” thick electroless, high phosphorous (>10%) nickel.
- Electroless nickel plated over premium (Grade 30) cast iron or high strength 65-45-12 ductile iron.
- Bearing available in all standard locking devices; set screw, eccentric locking collars or premium GRIP-IT™ locking collars.
- Black oxide bearings designed with slingers and full contact metal shroud seals for maximum protection.
- Castings available in any style listed in the PEER catalog.
- Black oxide bearings are available in all common inch and metric shaft sizes.

*For alternative locking devices, additional housing styles and bore sizes, please contact your PEER Bearing Sales Representative.*
Stainless Steel units...

The clear choice for EXTREME conditions with heavier loads.

Even under the harshest conditions - sulfuric, nitric or acetic acids and in contaminated or uncontaminated water conditions, PEER’s all stainless steel units provide excellent corrosion resistance.

- Stainless steel housings are designed with solid bases/backs and smooth surfaces to allow for complete and easy wash down.
- Stainless steel bearings are designed with extended inner rings for shaft stability and set screw locking for bidirectional applications.*
- Standard closures include a stainless steel slinger over a full contact silicone seal to form a double barrier of protection during operation and wash down.
- Stainless steel bearings are filled with F A/USDA (approved for incidental food contact) water/wash resistant, odorless, tasteless Mobilgrease FM102.
- Stainless steel units are available from stock:* Pillow blocks (P) Tapped base pillow blocks (PAS) Two-bolt flange (F) Three-bolt flange (FB) Four-bolt flange (F)
- Stainless steel bearings are available in common inch and metric shaft sizes ranging from ½” to 1½” and 20mm to 40mm.*

PBT Thermoplastic Housings with Stainless Steel Bearings...

Two great options for severe conditions

PEER Thermoplastic housings will cope with severe wash down conditions and temperatures to 285°F and have a tensile strength of 17,300 PSI (ASTM D638). They are resistant to moisture absorption and have high mechanical properties. These units maintain excellent chemical resistant ratings even in contact with hydrochloric, sulfuric, nitric and acetic acids. In addition, they can resist most hydrocarbons and alcohols.

- Stainless steel and stainless/zinc chromate bearings are designed with extended inner rings for shaft stability and set screw locking for bidirectional applications.*
- Standard closures include a stainless steel slinger over a full contact silicone seal to form a double barrier of protection during operation and wash down.
- Stainless steel and stainless/zinc chromate bearings are filled with F A/USDA (approved for incidental food contact) water/wash resistant, odorless, tasteless Mobilgrease FM102.
- Thermoplastic units are available from stock:* Pillow blocks (P) Tapped base pillow blocks (PAS) Two-bolt flange (F) Three-bolt flange (FB) Four-bolt flange (F) Hanger (H)
- Stainless steel and stainless/zinc chromate bearings are available in all standard locking devices; set screw, eccentric locking collars or premium GRIP-IT™ locking collars.
- Black oxide bearings designed with slingers and full contact metal shroud seals for maximum protection.
- Castings available in any style listed in the PEER catalog.
- Black oxide bearings are available in all common inch and metric shaft sizes.

Electroless Nickel plated...

for moderate contamination conditions

With an eye toward economy and in addition to contamination resistance, these PEER units are designed with black oxide inserts and electroless nickel plated housings. The results are mounted ball bearing units ideal for applications requiring corrosion resistance superior to the protection provided by conventional painted cast or ductile iron housings.

- Housings plated with .001” thick electroless, high phosphorous (+10%) nickel.
- Electroless nickel plated over premium (Grade 30) cast iron or high strength 65-45-12 ductile iron.
- Bearing available in all standard locking devices; set screw, eccentric locking collars or premium GRIP-IT™ locking collar.
- Black oxide bearings designed with slingers and full contact metal shroud seals for maximum protection.
- Castings available in any style listed in the PEER catalog.
- Black oxide bearings are available in all common inch and metric shaft sizes.

Corrosion Resistant Mounted Units...

To operate in virtually any Corrosive Environment

For alternative locking devices, additional housing styles and bore sizes, please contact your PEER Bearing Sales Representative.
Even under the harshest conditions - sulfuric, nitric or acetic acids and in contaminated or uncontaminated water conditions, PEER’s all stainless steel units provide excellent corrosion resistance.

Stainless steel housings are designed with solid bases/backs and smooth surfaces to allow for complete and easy wash down.

Stainless steel bearings are designed with extended inner rings for shaft stability and set screw locking for bidirectional applications.*

Standard closures include a stainless steel slinger over a full contact silicone seal to form a double barrier of protection during operation and wash down.

Stainless steel bearings are filled with FA/USDA (approved for incidental food contact) water/wash resistant, odorless, tasteless Mobilgrease FM102.

Stainless steel units are available from stock:**
- Pillow blocks (P)
- Tapped base pillow blocks (PAS)
- Two-bolt flange (F)
- Three-bolt flange (FB)
- Four-bolt flange (F)

Stainless steel bearings are available in common inch and metric shaft sizes ranging from ½" to 1½" and 20mm to 40mm.*

With an eye toward economy and in addition to contamination resistance, these PEER units are designed with black oxide inserts and electropolished nickel plated housings. The results are mounted ball bearing units ideal for applications requiring corrosion resistance superior to the protection provided by conventional painted cast or ductile iron housings.

Housings plated with .001" thick electropolish, high phosphorus (>10%) nickel.

Electropolished nickel plated over premium (Grade 30) cast iron or high strength 65-45-12 ductile iron.

Bearings available in all standard locking devices; set screw, eccentric locking collars or premium GRP-IT™ locking collars.

Black oxide bearings designed with slingers and full contact metal shroud seals for maximum protection.

Castings available in any style listed in the PEER catalog.

Black oxide bearings are available in all common inch and metric shaft sizes.

**For alternative locking devices, additional housing styles and bore sizes, please contact your PEER Bearing Sales Representative.

Corrosion Resistant Mounted Units... To operate in virtually any Corrosive Environment

PBT Thermoplastic Housings with Stainless Steel Bearings... or ...PBT Thermoplastic Housings with Stainless/Zinc Chromate Bearings...

Two great options for severe conditions

PEER Thermoplastic housings will cope with severe wash down conditions and temperatures to 265°F and have a tensile strength of 17,300 PSI (ASTM D638). They are resistant to moisture absorption and have high mechanical properties. These units maintain excellent chemical resistant ratings even in contact with hydrochloric, sulfuric, nitric and acetic acids. In addition, they can resist most hydroxides and alcohols.

Housings are made from G.E. Valox® virgin PBT thermoplastic material and are designed with solid base/backs and smooth surfaces to allow for complete and easy wash down.

Stainless steel and stainless/zinc chromate bearings are designed with extended inner rings for shaft stability and set screw locking for bidirectional applications.*

Standard closures include a stainless steel slinger over a full contact silicone seal to form a double barrier of protection during operation and wash down.

Stainless steel and stainless/zinc chromate bearings are filled with FA/USDA (approved for incidental food contact) water/wash resistant, odorless, tasteless Mobilgrease FM102.

Thermoplastic units are available from stock:**
- Pillow blocks (P)
- Tapped base pillow blocks (PAS)
- Two-bolt flange (F)
- Three-bolt flange (FB)
- Four-bolt flange (F)
- Hanger (H)
- Take-up (T)

Stainless steel and stainless/zinc chromate bearings are available in common inch and metric shaft sizes ranging from ½" to 1½" and 20mm to 40mm.*

With an eye toward economy and in addition to contamination resistance, these PEER units are designed with black oxide inserts and electropolished nickel plated housings. The results are mounted ball bearing units ideal for applications requiring corrosion resistance superior to the protection provided by conventional painted cast or ductile iron housings.

Housings plated with .001" thick electropolish, high phosphorus (>10%) nickel.

Electropolished nickel plated over premium (Grade 30) cast iron or high strength 65-45-12 ductile iron.

Bearings available in all standard locking devices; set screw, eccentric locking collars or premium GRP-IT™ locking collars.

Black oxide bearings designed with slingers and full contact metal shroud seals for maximum protection.

Castings available in any style listed in the PEER catalog.

Black oxide bearings are available in all common inch and metric shaft sizes.
### MATERIAL SPECIFICATIONS

**SSUC200 Series**

1. Stainless steel AISI 302
2. Stainless steel AISI 304
3. Stainless steel AISI 420
4. Stainless steel AISI 440C
5. FDA compliant silicon rubber (-10°F to 220°F)
6. Stainless steel AISI 302
7. Solid base stainless steel AISI 304
8. Stainless steel AISI 304

**SSUCP200 Series**

1. Stainless steel AISI 302
2. Stainless steel AISI 304
3. Stainless steel AISI 420
4. Stainless steel AISI 440C
5. Stainless steel AISI 440C
6. Stainless steel AISI 420
7. G.E. Value®-450 glass-filled 7 (thermoplastic) solid base
8. Stainless steel bolt bushing for added strength
9. Stainless steel bushing for added strength

### Interchange for PEER’s Corrosion-Resistant Mounted Units

Available in a full range of popular sizes

<table>
<thead>
<tr>
<th>BEARING STYLE</th>
<th>DESCRIPTION</th>
<th>PEER</th>
<th>MRC</th>
<th>AMI</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3-BOLT FLANGE</strong></td>
<td>Stainless Steel Bearing w/PBT (Thermoplastic) Housing</td>
<td>C2F100-ZM SERIES</td>
<td>UCNFL200 SERIES</td>
<td>UCNFL200 SERIES</td>
</tr>
<tr>
<td><strong>2-BOLT FLANGE</strong></td>
<td>Stainless Steel Bearing w/PBT (Thermoplastic) Housing</td>
<td>C1F100-ZM SERIES</td>
<td>UCNFL200 SERIES</td>
<td>UCNFL200 SERIES</td>
</tr>
<tr>
<td><strong>1-BOLT FLANGE</strong></td>
<td>Stainless Steel Bearing w/PBT (Thermoplastic) Housing</td>
<td>C0F100-ZM SERIES</td>
<td>UCNFL200 SERIES</td>
<td>UCNFL200 SERIES</td>
</tr>
<tr>
<td><strong>HANGER</strong></td>
<td>Stainless Steel Bearing w/PBT (Thermoplastic) Housing</td>
<td>C4H100-ZM SERIES</td>
<td>MUCP200 SERIES</td>
<td>MUCP200 SERIES</td>
</tr>
</tbody>
</table>

**ZUCP200-PBT Series**

1. Zinc/Stainless Bearing w/PBT
2. (**SSUCP200 Series**)
3. Stainless steel AISI 302
4. Stainless steel AISI 304
5. Stainless steel AISI 420
6. Stainless steel AISI 440C
7. G.E. Value®-450 glass-filled 7 (thermoplastic) solid base
8. Stainless steel bolt bushing for added strength
9. Stainless steel bushing for added strength

**UCP200-BNBP Series**

1. Black oxide plated 4-µm thick Z2ñ0 steel
2. Stainless steel AISI 302
3. Stainless steel AISI 304
4. Stainless steel AISI 420
5. Stainless steel AISI 440C
6. Stainless steel AISI 440C
7. G.E. Value®-450 glass-filled 7 (thermoplastic) solid base
8. Stainless steel bolt bushing for added strength
9. Stainless steel bushing for added strength

**ZUCFB200-PBT Series**

- **BOLT HOLES**
- **PILOT OUTER BEARING**
- **REAR BEARING**
- **SET SCREWS**
- **HOUSING**
- **SLINGER**
- **STAINLESS BEARING AND HOUSING SSUCFB200 SERIES**
- **STAINLESS BEARING AND HOUSING SUCF200 SERIES**
- **STAINLESS BEARING AND HOUSING SSUCP200 SERIES**
- **STAINLESS BEARING AND HOUSING ZUCFB200-PBT SERIES**
- **STAINLESS BEARING AND HOUSING SUCHA200-PBT SERIES**
- **STAINLESS BEARING AND HOUSING ZUCP200-PBT SERIES**
- **STAINLESS BEARING AND HOUSING SUCHA200-PBT SERIES**
- **ZINC BEARING AND HOUSING SUCP200 SERIES**

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**Notes:**

- **ZINC BEARING AND HOUSING SSUC200 SERIES**
- **STAINLESS BEARING AND HOUSING SUC200 SERIES**
- **STAINLESS BEARING AND HOUSING SU200 SERIES**
- **STAINLESS BEARING AND HOUSING ZUC200 SERIES**
- **STAINLESS BEARING AND HOUSING ZUCHA200-PBT SERIES**
- **STAINLESS BEARING AND HOUSING ZUCP200-PBT SERIES**
- **ZINC BEARING AND HOUSING SSUCP200 SERIES**
- **STAINLESS BEARING AND HOUSING SUCP200 SERIES**
- **STAINLESS BEARING AND HOUSING SSUCHA200 SERIES**
- **STAINLESS BEARING AND HOUSING ZUCP200-PBT SERIES**
- **ZINC BEARING AND HOUSING SSUCHA200 SERIES**
- **STAINLESS BEARING AND HOUSING ZUCHA200-PBT SERIES**

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**Interchange for reference only:**

Available in a full range of popular shaft sizes.
MATERIAL SPECIFICATIONS

SSUCP200 Series**
All Stainless Steel Bearing w/Housing Unit
1. Stainless steel AISI 440C
2. Stainless steel AISI 304
3. Stainless steel AISI 302
4. Stainless steel AISI 420
5. FDA compliant silicon rubber (-10ºF to 229ºF)
6. Stainless steel AISI 302
7. Solid base stainless steel AISI 304
8. Stainless steel AISI 304

Zinc/Stainless Bearing w/PBT
ZUCP200-PBT Series**
1. Zinc chromate plated (4-6 µm thick) 52100 steel
2. Stainless steel AISI 400 series
3. Stainless steel AISI 302
4. Stainless steel AISI 420
5. FDA compliant silicon rubber (-10ºF to 229ºF)
6. Stainless steel AISI 302
7. G.E. Value®-40 glass filled T (thermoplastic) solid base
8. Stainless steel bolt bushing for added strength
9. Stainless steel bushing for added strength

UCP200-BERP Series
Black Oxide Plated Bearing w/Electroless Nickel Plated Housing
1. Black oxide plated (4-6 µm thick) 52100 steel
2. Stainless steel AISI 400 series
3. Stainless steel AISI 302
4. Stainless steel AISI 420
5. FDA compliant silicon rubber (-10ºF to 229ºF)
6. Stainless steel AISI 302
7. G.E. Value®-40 glass filled T (thermoplastic) solid base
8. Stainless steel bolt bushing for added strength
9. Stainless steel bolt bushing for added strength

** Supplied with Mobilgrease water/methanol resistant fluid filled bearing, FDA and USDA compliant (operating range: -10ºF to 229ºF)

Interchange for PEER’s Corrosion-Resistant Mounted Units
Available in a full range of popular sizes

<table>
<thead>
<tr>
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<th>PEER</th>
<th>MNC</th>
<th>AMI</th>
</tr>
</thead>
<tbody>
<tr>
<td>PILLOW BLOCK</td>
<td>Stainless Steel Bearing w/PBT (Thermoplastic) Housing</td>
<td>STC210 Series</td>
<td>STC220 Series</td>
<td>STC230 Series</td>
</tr>
<tr>
<td>1-3/4 BOLT FLANGE</td>
<td>Stainless Steel Bearing w/PBT (Thermoplastic) Housing</td>
<td>ZUCP200-PBT Series</td>
<td>ZUCF200-PBT Series</td>
<td>ZUCF100-ZM Series</td>
</tr>
<tr>
<td>3-BOLT FLANGE</td>
<td>Stainless Steel Bearing w/PBT (Thermoplastic) Housing</td>
<td>ZUCP200-PBT Series</td>
<td>ZUCF200-PBT Series</td>
<td>ZUCF100-ZM Series</td>
</tr>
<tr>
<td>3-BOLT FLANGE</td>
<td>Stainless Steel Bearing w/PBT (Thermoplastic) Housing</td>
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<td>ZUCP200-PBT Series</td>
<td>ZUCF200-PBT Series</td>
<td>ZUCF100-ZM Series</td>
</tr>
</tbody>
</table>

Interchange for reference only.
Available in a full range of popular shaft sizes.

Note: All dimensions shown above are in (±0.005)in unless otherwise noted. Also available in other housing styles (example SSUCF200 Series).