Before you fly, you need to roll! View Our Popular Aviation Caster Series:

**Lasercut Integrated Brakes**
New PLB brakes are now available for aviation industry casters (pages 48-51).

**Longer Lasting Kingpinless Casters**
If you need casters that will be impacted or shock-loaded ... or casters more suited for power-towed applications, see the Heavy Duty Kingpinless Section (pages 41-58).

**Dual Wheels for Ultimate Stability**
Looking to gain higher load ratings with low overall heights, better product stability and floor protection, or softer wheel options while maintaining high load ratings? View all of our dual wheel options (pages 100-112).

**Spring Loaded Casters**
If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and reduced noise levels, see the Spring Loaded Section (pages 87-99).

Common Applications:
- Aviation Industry
- Cargo Industry
- Automotive Industry
- Conveyor Systems
Three quality levels to meet all of your air cargo conveyor needs. **Priority Premier™** is built to exceptional manufacturing standards. **Priority** features precision bearings in wheel and raceway. **Priority Economy** casters provide dependability on a budget.

### MOUNTING OPTIONS

#### Priority Premier™ Models

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Approx. Wt.</th>
<th>Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4&quot; (58mm)</td>
<td>1-1/4&quot; (34mm)</td>
<td>450</td>
<td>3-1/4&quot; (96mm)</td>
<td>1-1/4&quot;</td>
<td>03XN02028S004C</td>
</tr>
<tr>
<td>2-3/4&quot; (70mm)</td>
<td>1-1/4&quot; (34mm)</td>
<td>450</td>
<td>3-1/4&quot; (96mm)</td>
<td>1-1/4&quot;</td>
<td>03XN02028S004C</td>
</tr>
</tbody>
</table>

Double sealed precision ball bearing.

### TOE GUARD OPTIONS

- **Double Sealed Precision Ball Bearing**
- **Scanner Bushing**

### TYPICAL APPLICATIONS

- Cargo Conveyor Equipment

### FEATURES

#### Priority Premier™

- Sealed precision ball bearing in swivel section and wheel
- 1/8" formed steel construction
- Additional O-ring seal in swivel section prevents contamination
- Shock resistant premium nylon wheel
- Zinc plated finish on diamond plate models, yellow dichromate finish on rectangular plate models
- Optional integral toe guard on 2-1/4" models
- Metal Thread Guards

#### Priority

- Sealed precision ball bearing in swivel section and wheel
- 1/8" formed steel construction
- White nylon thread guards
- Shock resistant wheels
- Zinc plated finish

#### Priority Economy

- Semi-precision unsealed ball bearings
- 1/8" formed steel construction
- Black polypropylene thread guards
- Shock resistant wheels
- Zinc plated finish

### CAPACITY TO 450

#### TYPICAL APPLICATIONS

- **Cargo Conveyor Equipment**

**Priority Premier™ Rectangular Plate Yellow Dichromate Metal Toe Guard**

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Approx. Wt.</th>
<th>Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4&quot; (58mm)</td>
<td>1-1/4&quot; (34mm)</td>
<td>450</td>
<td>3-1/4&quot; (96mm)</td>
<td>1-1/4&quot;</td>
<td>03XN02028S001C</td>
</tr>
</tbody>
</table>

Double sealed precision ball bearing.

**Priority Premier™ Rectangular Plate Yellow Dichromate Zinc Finish**

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Approx. Wt.</th>
<th>Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4&quot; (58mm)</td>
<td>1-1/4&quot; (34mm)</td>
<td>450</td>
<td>3-1/4&quot; (96mm)</td>
<td>1-1/4&quot;</td>
<td>03PR02028S004</td>
</tr>
</tbody>
</table>

### Priority Rectangular Plate Zinc Finish

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Approx. Wt.</th>
<th>Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4&quot; (58mm)</td>
<td>1-1/4&quot; (34mm)</td>
<td>450</td>
<td>3-1/4&quot; (96mm)</td>
<td>1-1/4&quot;</td>
<td>03PR02028S001C</td>
</tr>
<tr>
<td>2-3/4&quot; (70mm)</td>
<td>1-1/4&quot; (34mm)</td>
<td>450</td>
<td>3-1/4&quot; (96mm)</td>
<td>1-1/4&quot;</td>
<td>03PR02028S001C</td>
</tr>
</tbody>
</table>

### Priority Economy Diamond Plate Zinc Finish

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Approx. Wt.</th>
<th>Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4&quot; (58mm)</td>
<td>1-1/4&quot; (34mm)</td>
<td>450</td>
<td>3-1/4&quot; (96mm)</td>
<td>1-1/4&quot;</td>
<td>03PE02028S004</td>
</tr>
<tr>
<td>2-3/4&quot; (70mm)</td>
<td>1-1/4&quot; (34mm)</td>
<td>450</td>
<td>3-1/4&quot; (96mm)</td>
<td>1-1/4&quot;</td>
<td>03PE02028S001C</td>
</tr>
</tbody>
</table>

### Priority Economy Rectangular Plate Zinc Finish

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Approx. Wt.</th>
<th>Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4&quot; (58mm)</td>
<td>1-1/4&quot; (34mm)</td>
<td>450</td>
<td>3-1/4&quot; (96mm)</td>
<td>1-1/4&quot;</td>
<td>03PE02028S001C</td>
</tr>
<tr>
<td>2-3/4&quot; (70mm)</td>
<td>1-1/4&quot; (34mm)</td>
<td>450</td>
<td>3-1/4&quot; (96mm)</td>
<td>1-1/4&quot;</td>
<td>03PE02028S001C</td>
</tr>
</tbody>
</table>

### Wheel Diameter

- Specify T0-106
- Specify T0-120
- Specify T0-145

### Tread Width

- (58mm) (34mm) (96mm)
- (70mm) (34mm) (102mm)
Faultless Precision, Heavy Duty Air Cargo/Conveyor Caster
CAPACITY TO 375

Designed for inverted applications, these Faultless conveyor casters are designed for easy installation and replacement in the field. Special dust- and grease cap and special all-temperature lubricant are standard along with precision bearing swivel and needle bearing wheels. Corrosive-resistant zinc dichromate finish is standard.

**TYPICAL APPLICATIONS**
- Cargo Conveyor Equipment

**FEATURES**
- **Raceways:** Fully sealed raceways for low maintenance and protection of the swivel head in outdoor environments
- **Swivel Bearings:** Precision bearing swivel
- **Wheel Bearings:** Need bearings or ball bearings; thread guards standard for longer life
- **Finish:** Corrosion-resistant zinc dichromate or powder coated finishes
- **Suggested Temperature Range:** 20°F to +180°F
- **Special Top Plates Available:** For specific installation requirements, consult factory

**MOUNTING OPTIONS**

**A Plate**
- 4-7/16" dia.
- 3-9/16" Tread Width
- .120" slotted
- .344" (typ.)

**C Plate**
- 4-7/16" dia.
- 3-9/16" Tread Width
- .406 (typ.)

**TYPICAL APPLICATIONS**

- Cargo Conveyor Equipment

**MATERIALS**

- **Polyflex Brown (Needle Bearing) with A Plate**
  - 2-3/4" dia.
  - 13/8" Tread Width
  - 375 lbs
  - 41/32" Overall Height
  - 23/8"
  - 27015

- **Polyflex Brown (Needle Bearing) with C Plate**
  - 3-9/16" dia.
  - 15/6" Tread Width
  - 375 lbs
  - 41/32" Overall Height
  - 25/6
  - 25675
  - 25696

- **Polyflex Grey with Toe Guard (Needle Bearing) with A Plate**
  - 2-3/4" dia.
  - 13/8" Tread Width
  - 375 lbs
  - 41/32" Overall Height
  - 213/16"
  - 27016

- **Polyflex Brown with Toe Guard (Needle Bearing) with A Plate**
  - 2-3/4" dia.
  - 13/8" Tread Width
  - 375 lbs
  - 41/32" Overall Height
  - 213/16"
  - 26381
Jarvis Air Cargo/Conveyor Casters
CAPACITY TO 400

This air cargo caster is manufactured to withstand the day after day abuse of the air cargo industry. Designed for use on cargo sorting decks and trailers, the premium grade nylon wheel is designed to withstand heavy shock impacts and the dual ball bearings provide smooth rolling under the most abusive environments.

TYPICAL APPLICATIONS
- Cargo Conveyor Equipment

FEATURES
- Dual ball bearing for increased rollability and weight capacity
- 1/8” formed steel construction
- Quiet operation
- Corrosion resistant and durable attractive yellow dichromate finish
- Metal thread guards to prevent debris from entering bearing
- Full swivel seals for longer life

FEATURES
- Dual ball bearing for increased rollability and weight capacity
- 1/8” formed steel construction
- Quiet operation
- Corrosion resistant and durable attractive yellow dichromate finish
- Metal thread guards to prevent debris from entering bearing
- Full swivel seals for longer life

TYPICAL APPLICATIONS
- Cargo Conveyor Equipment

MOUNTING OPTIONS

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Approx. Wt.</th>
<th>Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3”</td>
<td>1 1/4”</td>
<td>400</td>
<td>1 5/32”</td>
<td>1 3/4”</td>
<td>FG3 NYLONAIR</td>
<td></td>
</tr>
</tbody>
</table>

Jarvis Air Cargo Caster