**Swing Gates**

**Ball Joint Pivot Assembly**

Used to connect swing gate operator arm when the operator has been installed horizontally level and the gate opens on an uphill or downhill slope.

**Torsion Rod Assembly**

An un-level swinging gate MUST be restrained from opening or closing too quickly (gate runaway) when not connected to the gate operator. The torsion rod assembly is used on un-level swinging gates that open on an uphill slope. It allows up to 6 "twisting" torsion rods that will counter-balance the gate to keep it from opening or closing too quickly. It also relieves the pressure on the gate operator when the gate is in the downhill position.

Available in sleeve and sealed roller bearings. Four inch and 6 inch sizes of either machined steel or UHMW. Maximum gate weights of up to 5000 lbs. V-Wheel assemblies include mounting bracket for 2x2 bottom rail. Tandem wheel assemblies provide superior performance for heavy gates by distributing the gate weight across 4 wheels instead of 2.

**Slide Gates / UHMW and Steel Wheels**

Gate Opened Uphill - Side View

Gate Closed - Front View

- **DoorKing Northwest**
  - Northwest Region Sales Office
  - Vancouver, WA

- **DoorKing North**
  - Northern Region Sales Office
  - Brownsville, TX

- **DoorKing West**
  - Western Region Sales Office
  - Camarillo, CA

- **DoorKing East**
  - Eastern Region Sales Office
  - Vineland, NJ

- **DoorKing Northwest**
  - Northeast Region Sales Office
  - Northick, MA

- **DoorKing Southwest**
  - Southwest Region Sales Office
  - Tempe, AZ

- **DoorKing Midwest**
  - Midwest Region Sales Office
  - Falls, MO

- **DoorKing South**
  - Southern Region Sales Office
  - Woodstock, GA

- **DoorKing Central**
  - Central Region Sales Office
  - Westlake, TX

- **DoorKing Southeast**
  - Southeast Region Sales Office
  - Mattland, FL

- **DoorKing South Central**
  - South Central Region Sales Office
  - Flowood, MS

- **DoorKing Central Atlantic Coast**
  - Mid Atlantic Region Sales Office
  - Matthews, NC

- **DoorKing South Texas**
  - South East Texas Region Sales Office
  - Houston, TX

- **DoorKing Central Atlantic Coast**
  - Mid Atlantic Region Sales Office
  - Matthews, NC

- **DoorKing South Texas**
  - South East Texas Region Sales Office
  - Houston, TX

- **Doorking Central Atlantic Coast**
  - Southeast Region Sales Office
  - Matthews, NC
Ball Joint Pivot Assembly

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Available in sleeve and sealed roller bearings. Four inch and 6 inch sizes of either machined steel or UHMW. Maximum gate weights of up to 5000 lbs. V-Wheel assemblies include mounting bracket for 2x2 bottom rail. Tandem assemblies include pivoting mounting bracket. Tandem wheel assemblies provide superior performance for heavy gates by distributing the gate weight across 4 wheels instead of 2.

DoorKing Northwest
Northwest Region Sales Office
Vancouver, WA

DoorKing North
Northern Region Sales Office
Brownsville, TX

DoorKing West
Western Region Sales Office
Camarillo, CA

DoorKing East
Eastern Region Sales Office
Voorhees, NJ

DoorKing Northwest
Northeast Region Sales Office
Natick, MA

DoorKing Southwest
Southwest Region Sales Office
Tempe, AZ

DoorKing Midwest
Mid-West Region Sales Office
Falls, MO

DoorKing South
Southern Region Sales Office
Woodstock, GA

DoorKing Central
Central Region Sales Office
Wichita, TX

DoorKing Southeast
Southeast Region Sales Office
Melbourne, FL

DoorKing South Central
South Central Region Sales Office
Flowood, MS

DoorKing Central Atlantic Coast
Mid-Atlantic Region Sales Office
Middletown, NJ

DoorKing Southwest Texas
Southwest Region Sales Office
Heathers, TX

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Slide Gate Accessories

<table>
<thead>
<tr>
<th>Replacement V-Wheels</th>
<th>FLR RU-004 60” UHMW Sleeve Bearing 300 Lb Max Wt</th>
<th>FLR RU-005 60” Steel Sealed Bearing 1500 Lb Max Wt</th>
<th>FLR RU-006 60” Steel Sealed Bearing 3000 Lb Max Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tandem V-Wheel Assemblies</td>
<td>FLR RU-004 60” UHMW Sleeve Bearing 300 Lb Max Wt</td>
<td>FLR RU-005 60” Steel Sealed Bearing 1500 Lb Max Wt</td>
<td>FLR RU-006 60” Steel Sealed Bearing 3000 Lb Max Wt</td>
</tr>
<tr>
<td>4 Inch Tandem V-Wheel Assemblies</td>
<td>FLR RU-004 60” UHMW Sleeve Bearing 300 Lb Max Wt</td>
<td>FLR RU-005 60” Steel Sealed Bearing 1500 Lb Max Wt</td>
<td>FLR RU-006 60” Steel Sealed Bearing 3000 Lb Max Wt</td>
</tr>
<tr>
<td>6 Inch Tandem V-Wheel Assembly</td>
<td>FLR RU-004 60” UHMW Sleeve Bearing 3000 Lb Max Wt</td>
<td>FLR RU-005 60” Steel Sealed Bearing 15000 Lb Max Wt</td>
<td>FLR RU-006 60” Steel Sealed Bearing 30000 Lb Max Wt</td>
</tr>
</tbody>
</table>

Swing Gate Accessories

<table>
<thead>
<tr>
<th>Ball Joint Pivot Assembly</th>
<th>FLB RU-004 60” UHMW Sleeve Bearing 300 Lb Max Wt</th>
<th>FLB RU-005 60” Steel Sealed Bearing 1500 Lb Max Wt</th>
<th>FLB RU-006 60” Steel Sealed Bearing 3000 Lb Max Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Torsion Rod Assembly</td>
<td>3002-204 Assembly includes one (1) torsion rod. Additional Torsion Rods can be added</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3002-205 Additional Torsion Rods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guide Rollers</td>
<td>FLG RU-004 60” UHMW Sleeve Bearing 300 Lb Max Wt</td>
<td>FLG RU-005 60” Steel Sealed Bearing 1500 Lb Max Wt</td>
<td>FLG RU-006 60” Steel Sealed Bearing 3000 Lb Max Wt</td>
</tr>
<tr>
<td>Flange Bearing Hinge</td>
<td>FLB RU-004 60” UHMW Sleeve Bearing 300 Lb Max Wt</td>
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<td>FLB RU-006 60” Steel Sealed Bearing 3000 Lb Max Wt</td>
</tr>
</tbody>
</table>

Details

- Pivot Point for heavy duty gates
- Tandem 6 inch
- Sealed Bearings
- Heavy Duty
- Pivot Arm
- Replacement V-Wheels
- V-Wheel Assemblies
- End Catch
- Chain Idler Assembly

For more information, please contact DKS at 1-800-274-2700.

Planning for Heavy Duty Gates: Pivot Points

- Pivot Points are designed for gates with 3-inch frame
- Heavy Duty ball bearings and pivot points are for gates with 2-inch frame

Planning for Swing Gates

- All swing gate accessories are designed for 2-inch gate frame
- Heavy Duty gate accessories are designed for 2-inch gate frame

Planning for Pivot Arm

- Pivot Arm is designed for 2-inch gate frame
- Pivot Arm is designed for 3-inch gate frame

Planning for End Catch

- End Catch is designed for 4-inch gate frame
- End Catch is designed for 6-inch gate frame

Planning for Chain Idler Assembly

- Chain Idler Assembly is designed for 4-inch gate frame
- Chain Idler Assembly is designed for 6-inch gate frame
### Slide Gate Accessories

- **End Catch**
  - 304-Stainless
  - 304-Deluxe
- **3 Inch Guide Rollers**
  - 304-Stainless
  - 304-Deluxe
- **6 Inch Guide Rollers**
  - 304-Stainless
  - 304-Deluxe
- **Chain Idler Assembly**
  - 2060-011
- **Replacement V-Wheels**
  - Steel Sealed Bearing 300 Lb Max Wt
  - UHMW Sealed Bearing 300 Lb Max Wt
- **Tandem 6 inch V-Wheel Assemblies**
  - Steel Sealed Bearing 300 Lb Max Wt
- **Sealed Bearings**
  - Flange bearing hinge assemblies
  - Heavy Duty pivot assemblies

### Swing Gate Accessories

- **Heavy Duty Pivot Assembly**
  - 304-Stainless
- **Sealed Pivot Arm**
  - Steel Sealed Bearing 300 Lb Max Wt
- **Flange Bearing Hinge**
  - Steel Sealed Bearing 300 Lb Max Wt
  - Replacement Bearing
  - Zert grease fitting
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with round or square gate frames

### Details

- **Pivot Point**
  - For heavy duty gates
- **Tandem 6 inch**
  - Steel v-wheel assembly
- **Sealed Bearings**
  - Maximum load bearing with excellent durability
- **Replacement V-Wheels**
  - 300 Lb Max Wt
- **Torsion Rod Assembly**
  - Assembly includes one (1) torsion rod
  - Add up to five (5) more as needed
  - Counter-balances uphill swing gates
  - Includes top and bottom brackets and one (1) torsion rod
  - May be added for use with 3” gate frame

### Swing Gate Hinges

<table>
<thead>
<tr>
<th>Weight Capacity</th>
<th>Gate Frame</th>
<th>Req. per gate</th>
<th>Steel</th>
<th>Sealed Bearing</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000 Lb</td>
<td>2 inch</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>5000 Lb</td>
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<td>5000 Lb</td>
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<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

* round or square gate frame

### Other Accessories

- **Sealed Bearing Hinge**
  - 300 Lb - 5000 Lb Weight Capacity
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with round or square gate frames

- **Ball Joint Pivot Assembly**
  - 304-Stainless
  - Use to connect swing gate operator arm when the operator has been installed horizontally and the gate swings on an uplifted or downhill slope. The ball joint will stay perpendicular to the operator arm regardless of turning horizontally or vertically

- **Torsion Rod Assembly**
  - Assembly includes one (1) torsion rod
  - Up to five (5) additional torsion rods can be added
  - Counter-balances uphill swing gates
  - Includes top and bottom brackets and one (1) torsion rod
  - Designed for use with round or square gate frames

- **6 Inch Tandem V-Wheel Assembly**
  - Steel Sealed Bearing 5000 Lb Max Wt

- **Flange Bearing Hinge**
  - 304-Stainless
  - 3000 Lb Weight Capacity
  - Replacement Bearing
  - Zert grease fitting
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with 2” gate frame

- **Sealed Bearing Hinge**
  - 300 Lb - 5000 Lb Weight Capacity
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with round or square gate frames

- **Chain Idler Assembly**
  - 2600-018
  - Works with #40 and #41 chain

- **Torsion Rod Assembly**
  - Counter-balances uphill swing gates
  - Includes top and bottom brackets and one (1) torsion rod
  - Designed for use with round or square gate frames

- **Flange Bearing Hinge**
  - 304-Stainless
  - 3000 Lb Weight Capacity
  - Replacement Bearing
  - Zert grease fitting
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with 3” gate frame

- **Sealed Bearing Hinge**
  - 300 Lb - 5000 Lb Weight Capacity
  - Includes mounting bracket and hardware
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  - Includes top and bottom brackets and one (1) torsion rod
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- **Sealed Bearing Hinge**
  - 300 Lb - 5000 Lb Weight Capacity
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with round or square gate frames

- **Flange Bearing Hinge**
  - 304-Stainless
  - 3000 Lb Weight Capacity
  - Replacement Bearing
  - Zert grease fitting
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with 2” gate frame

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  - 304-Stainless
  - 3000 Lb Weight Capacity
  - Replacement Bearing
  - Zert grease fitting
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with 3” gate frame

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- **Sealed Bearing Hinge**
  - 300 Lb - 5000 Lb Weight Capacity
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with round or square gate frames

- **Chain Idler Assembly**
  - 2600-018
  - Works with #40 and #41 chain

- **Torsion Rod Assembly**
  - Counter-balances uphill swing gates
  - Includes top and bottom brackets and one (1) torsion rod
  - Designed for use with round or square gate frames

- **Flange Bearing Hinge**
  - 304-Stainless
  - 3000 Lb Weight Capacity
  - Replacement Bearing
  - Zert grease fitting
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with 3” gate frame

- **Sealed Bearing Hinge**
  - 300 Lb - 5000 Lb Weight Capacity
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with round or square gate frames

- **Chain Idler Assembly**
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  - Replacement Bearing
  - Zert grease fitting
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with 3” gate frame

- **Sealed Bearing Hinge**
  - 300 Lb - 5000 Lb Weight Capacity
  - Includes mounting bracket and hardware
  - Two required per gate (top, bottom)
  - Designed for use with round or square gate frames
Slide Gate Accessories

**Details**

- **End Catch**
  - 3014-603 • Designed for gates with 3-inch frame
- **3 Inch Guide Rollers**
  - 3014-501 Single
  - 3014-502 Dual
- **6 Inch Guide Rollers**
  - 3014-511 Single
  - 3014-512 Dual
- **Chain Idler Assembly**
  - 3026-511 • Use with non-motor slide gate operators. Works with 4" and 6" slides

**Options**

- **Replacement V-Wheels**
  - 1201-004 • 4-inch UHMW Sleeve Bearing 500 Lb Max Wt
  - 1201-006 • 4-inch UHMW Sealed Bearing 750 Lb Max Wt
  - 1201-016 • 4-inch Steel Sealed Bearing 1500 Lb Max Wt
  - 1201-000 • 6-inch Steel Sealed Bearing 2500 Lb Max Wt

- **V-Wheel Assemblies**
  - 1201-102 • 4-inch UHMW Sleeve Bearing 500 Lb Max Wt
  - 1201-105 • 4-inch UHMW Sealed Bearing 750 Lb Max Wt
  - 1201-117 • 4-inch Steel Sealed Bearing 1500 Lb Max Wt

- **4 Inch Tandem V-Wheel Assemblies**
  - 1201-120 • 4-inch UHMW Sleeve Bearing 300 Lb Max Wt
  - 1201-121 • 4-inch UHMW Sealed Bearing 300 Lb Max Wt

- **6 Inch Tandem V-Wheel Assembly**
  - 1201-210 • 6-inch Steel Sealed Bearing 5000 Lb Max Wt

**Swing Gate Accessories**

**Details**

- **End Catch**
  - Steel UHMW sleeve assembly
- **Guide Rollers**
  - Steel UHMW sleeve assembly
- **Replacement V-Wheels**
  - Steel UHMW sleeve assembly

**Options**

- **Torsion Rod Assembly**
  - 1203-004 Assembly includes one (1) torsion rod. Add up to five (5) more as needed for 2000-2500 Additional Torsion Rods

- **Torsion Rods**
  - 3030-600 Additional Torsion Rods

**Heavy Duty**

- **Ball Joint Pivot Assembly**
  - 1200-010

- **Sealed**
  - 1200-010 Replacement Bearing

**Sealed Bearing Hinge**

- 1200-009 3000 Lb Weight Capacity
- 1200-010 Replacement Bearing
  - * Use with gates over 2" frame
  - Designed for use with round or square gate frames

**Flange Bearing Hinge**

- 1200-007 3000 Lb Weight Capacity
- 1200-011 Replacement Bearing
  - * Use with gates over 2" frame
  - Designed for use with round or square gate frames

**Swing Gates Wheels**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
<th>Bearing Style</th>
<th>Weight Capacity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1201-004</td>
<td>4-inch</td>
<td>Sleeve Bearing</td>
<td>500 Lb</td>
<td>-</td>
</tr>
<tr>
<td>1201-006</td>
<td>4-inch</td>
<td>UHMW Sealed Bearing</td>
<td>750 Lb</td>
<td>-</td>
</tr>
<tr>
<td>1201-016</td>
<td>4-inch</td>
<td>Steel Sealed Bearing</td>
<td>1500 Lb</td>
<td>-</td>
</tr>
<tr>
<td>1201-000</td>
<td>6-inch</td>
<td>Steel Sealed Bearing</td>
<td>2500 Lb</td>
<td>-</td>
</tr>
<tr>
<td>1201-102</td>
<td>4-inch</td>
<td>UHMW Sleeve Bearing</td>
<td>500 Lb</td>
<td>-</td>
</tr>
<tr>
<td>1201-105</td>
<td>4-inch</td>
<td>UHMW Sealed Bearing</td>
<td>750 Lb</td>
<td>-</td>
</tr>
<tr>
<td>1201-117</td>
<td>4-inch</td>
<td>Steel Sealed Bearing</td>
<td>1500 Lb</td>
<td>-</td>
</tr>
</tbody>
</table>

**Swing Gates Hinges**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Gate Frame</th>
<th>Per gate</th>
<th>Weight Capacity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200-009</td>
<td>2-inch</td>
<td>2</td>
<td>3000 Lb</td>
<td>-</td>
</tr>
<tr>
<td>1200-010</td>
<td>2-inch</td>
<td>2</td>
<td>3000 Lb</td>
<td>-</td>
</tr>
</tbody>
</table>

* Use with gates over 2" frame