

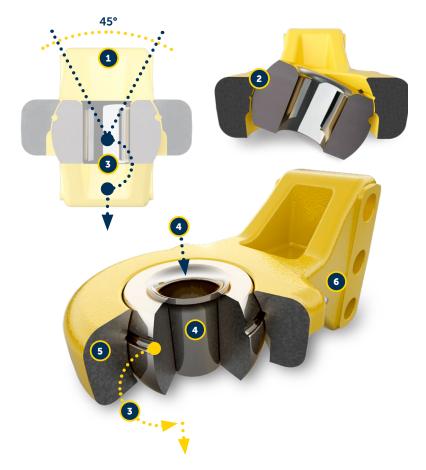
#### **Articulating Ball Hitch**

The Articulating Ball Hitch eliminates slack in the connection while preserving articulation and flexibility. The patented maximum-contact design of the AB Hitch dramatically increases durablitity by eliminating impact-wear and maximizes implement control for accurate GPS guidance, tight turns and rough terrain.

The interchangeable sizes of ball bushings, and step-down sleeve bushings provide patented no-tool pin-size versatility. Multiple size options and drop-in bushings quickly accommodate any drawpin size on the S3 PowerPin Drop Pin clevis that has become a standard feature on most North American tractors.

#### **Load Ratings**

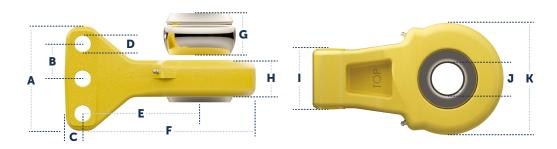
| Cat. | Max HP | Part Number                       | Material    | Maximum<br><b>Vert. Load</b> | Maximum  Draft Load |
|------|--------|-----------------------------------|-------------|------------------------------|---------------------|
| 5    | 670    | <b>BH5SABA</b> 2 3/4" & 2" pin    | ADI Grade 3 | 30,000 lbf                   | 139,000 lbf         |
| 4    | 402    | <b>BH4SABA</b><br>2" & 1 ½" pin   | ADI Grade 3 | 25,000 lbf                   | 114,000 lbf         |
| 4    | 402    | <b>BH4SAB3HA</b><br>2" & 1 ½" pin | ADI Grade 3 | 25,000 lbf                   | 131,000 lbf         |
| 4    | 402    | BH4SABROA<br>2" & 1 ½" pin        | ADI Grade 3 | 25,000 lbf                   | 114,000 lbf         |
| 3    | 248    | <b>BH3SABA</b><br>1 ½" & 1 ¼" pin | ADI Grade 3 | 22,000 lbf                   | 77,000 lbf          |
| 3    | 248    | BH3SAB3HA<br>1 1/2" & 1 1/4" pin  | ADI Grade 3 | 22,000 lbf                   | 95,000 lbf          |



#### **Features**

- The AB Hitch allows for 45° of articulation.
- At any angle, maximum surface area contact is maintained for superior implement control and minimal wear.
- No tools are required for quick bushing changes for different drawpin sizes—simply rotate the ball bushing 90° and remove from the bottom.
- Step-down flanged bushing allows for even faster changes to smaller drawpins while maintaining a tight fit for reduced wear and maximum strength. Reduces the need for multiple Ball Bushings.
- All hitches meet or exceed ISO 21244-2008 standards.
- Grease zerks are protected at the back of the





|                                     | Categ   | ory <mark>5</mark> |         | Category 4 |          |           | Category 3 |          |         |          |            |           |            |
|-------------------------------------|---------|--------------------|---------|------------|----------|-----------|------------|----------|---------|----------|------------|-----------|------------|
| Dimensions                          | BH5SABA | BH5SABSA           | BH4SABA | BH4SABROA  | BH4SABSA | ВН4ЅАВЗНА | BH4SAB3HSA | BH3SABLA | BH3SABA | BH3SABSA | BH3SAB3HLA | ВНЗЅАВЗНА | внзѕавзнѕа |
| Receiver height A                   | 6.75"   | 6.75"              | 4.5"    | 4.91"      | 4.5"     | 6.75"     | 6.75"      | 4.5″     | 4.5"    | 4.5"     | 4.5"       | 4.5"      | 4.5"       |
| Bolt hole centers distance <b>B</b> | 2.25"   | 2.25"              | 2.25"   | _          | 2.25"    | 2.25"     | 2.25"      | 2.25"    | 2.25"   | 2.25"    | 1.5"       | 1.5"      | 1.5"       |
| Bolt hole center to back <b>C</b>   | 1.18"   | 1.18"              | 1.18"   | 2.25"      | 1.18"    | 1.18"     | 1.18"      | 1.18"    | 1.18"   | 1.18"    | .87″       | .87"      | .87"       |
| Bolt hole size D                    | 1"      | 1"                 | 1″      | 1"         | 1″       | 1″        | 1"         | 1″       | 1″      | 1"       | .77"       | .77"      | .77"       |
| Draw pin to hole mounting <b>E</b>  | 7.57"   | 7.57"              | 6.92″   | 5.87"      | 6.92"    | 7"        | 7"         | 6.91"    | 6.91"   | 6.91"    | 6.32"      | 6.32"     | 6.32"      |
| Nose to hole mounting <b>F</b>      | 11.20"  | 11.20"             | 10.07"  | 8.75"      | 10.07"   | 9.82"     | 9.82"      | 9.72"    | 9.72"   | 9.72"    | 9.12"      | 9.12"     | 9.12"      |
| Ball thickness <b>G</b>             | 2.88"   | 2.75"              | 2.66"   | 2.53"      | 2.53"    | 2.66"     | 2.53"      | 2.66"    | 2.53"   | 2.53"    | 2.53"      | 2.53"     | 2.53"      |
| Tongue thickness H                  | 2.38"   | 2.38"              | 2"      | 2.06"      | 2"       | 2.06"     | 2.06"      | 1.94"    | 1.94"   | 1.94"    | 1.88"      | 1.88"     | 1.88"      |
| Receiver width                      | 3.96"   | 3.96"              | 3.96"   | 2.88"      | 3.96"    | 3.96"     | 3.96"      | 3.96"    | 3.96"   | 3.96"    | 3.96"      | 3.96"     | 3.96"      |
| Draw pin size <b>J</b>              | 2.75"   | 2"                 | 2″      | 2″         | 1.5"     | 2″        | 1.5"       | 2″       | 1.5"    | 1.25"    | 2″         | 1.5"      | 1.25"      |
| Ball housing diameter K             | 7.25"   | 7.25"              | 6.3"    | 5.75"      | 6.3"     | 5.62"     | 5.62"      | 5.62"    | 5.62"   | 5.62"    | 5.62"      | 5.62"     | 5.62"      |
| Number of bolts in receiver         | 3       | 3                  | 2       | 1          | 2        | 3         | 3          | 2        | 2       | 2        | 3          | 3         | 3          |
| Weight (lbs)                        | 41.8    | 42.8               | 27      | 28.7       | 27       | 31        | 31         | 25.5     | 25.5    | 25.5     | 23         | 22.8      | 23         |

## **Articulating Ball Bushings**

Up to 45° of total articulation while maximizing contact area. Reduces hitch wear, easily removable with no tools.

|                         |       | Inner Diam. |
|-------------------------|-------|-------------|
| Category <mark>5</mark> | НМ33В | 2 3/4"      |
| Category <mark>5</mark> | HM42B | 2"          |
| Category 3&4            | HM31B | 2"          |
| Category 3&4            | HM32B | 1 1/2"      |
| Category <mark>3</mark> | НМ36В | 1 1/4"      |

## **Flanged Sleeve Bushings**

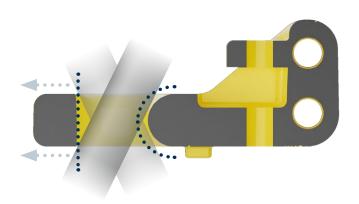
Fast step-down to smaller pin sizes when using AB bushings. Flanged for easy hook-ups.

|                         |       | Inner Diam. | Outer Diam. |
|-------------------------|-------|-------------|-------------|
| Category <mark>5</mark> | HM34F | 2"          | 2 3/4"      |
| Category 3&4            | HM35F | 1 1/2"      | 2"          |
| Category 3&4            | HM37F | 1 1/4"      | 2"          |
| Category 3&4            | HM38F | 1 1/4"      | 1 1/2"      |

### **Ring Hitch**

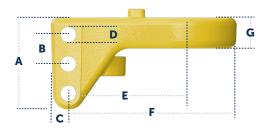
Designed to allow for pin articulation while keeping maximum surface area at the forward primary contact point for minimal wear.

Optional bolt-on clevis attachments and the ability to invert the hitch for additional height adjustment, offer patented, maximum versatility, simplicity and strength.



#### **Load Ratings**

| Cat. | Max HP | Part Numer            | Material    | Maximum<br><b>Vert. Load</b> | Maximum<br><b>Draft Load</b> |
|------|--------|-----------------------|-------------|------------------------------|------------------------------|
| 5    | 670    | BH53ADI               | ADI Grade 3 | 12,000 lbf                   | 135,000 lbf                  |
| 4    | 402    | BH421ADI              | ADI Grade 4 | 10,000 lbf                   | 120,000 lbf                  |
| 3    | 248    | BH337R                | D80         | 7,000 lbf                    | 97,000 lbf                   |
| 3    | 248    | BH337ADI              | ADI Grade 4 | 9,500 lbf                    | 108,000 lbf                  |
| 3    | 248    | BH321R                | D80         | 7,000 lbf                    | 97,000 lbf                   |
| 3    | 248    | BH321ADI              | ADI Grade 4 | 9,500 lbf                    | 108,000 lbf                  |
| 3    | 248    | HC300<br>Hitch Clevis | D80         | 3,000lbf                     | 36,000 lbf                   |
| 2    | 154    | BH236-2R              | D80         | 3,700 lbf                    | 55,000 lbf                   |





|   | Dimensions                  |
|---|-----------------------------|
|   |                             |
| A | Receiver height             |
| В | Bolt hole centers distance  |
| C | Bolt hole center to back    |
| D | Bolt hole size              |
| E | Draw pin to hole mounting   |
| F | Nose to hole mounting       |
| G | Tongue thickness            |
| Н | Receiver width              |
| ı | Draw pin size               |
| J | Ring outside diameter       |
|   | Number of bolts in receiver |
|   | Weight (lbs)                |
|   |                             |

|   | Cat. <b>5</b> | Cat. 4   |        | Category <mark>3</mark> |        |          |          |  |
|---|---------------|----------|--------|-------------------------|--------|----------|----------|--|
|   | BH53ADI       | BH421ADI | BH321R | BH321ADI                | BH337R | BH337ADI | BH236-2R |  |
| A | 6.663"        | 4.75"    | 4.68"  | 4.68"                   | 4.68"  | 4.68"    | 5.38"    |  |
| В | 2.25"         | 2.25"    | 2.25"  | 2.25"                   | 1.5"   | 1.5"     | 2.00"    |  |
| С | 1.18"         | 1.18"    | 1"     | 1"                      | 1"     | 1"       | .87"     |  |
| D | 1″            | 1"       | 1"     | 1"                      | .77"   | .77"     | 5/8"     |  |
| E | 7.8"          | 7.19"    | 5.78"  | 5.78"                   | 5.87"  | 5.87"    | 5.15"    |  |
| F | 11.12"        | 10.32"   | 8.56"  | 8.56"                   | 8.56"  | 8.56"    | 7.25"    |  |
| G | 2.13"         | 1.97"    | 1.58"  | 1.58"                   | 1.58"  | 1.58"    | 1.42"    |  |
| Н | 3.96"         | 3.96"    | 3.96"  | 3.96"                   | 3.96"  | 3.96"    | 2.72"    |  |
| I | 2.75"         | 2"       | 2"     | 2"                      | 2"     | 2"       | 1.50"    |  |
| J | 6.75"         | 6.25"    | 5.56"  | 5.56"                   | 5.53"  | 5.53"    | 4.25"    |  |
|   | 3             | 2        | 2      | 2                       | 3      | 3        | 3        |  |
|   | 35.2          | 30       | 18     | 18                      | 18     | 18       | 11.75    |  |



#### **Specifications**

| 670         | Max horsepower                                    |
|-------------|---|
| 135,000     | Max draft load (lbf)                              |
| 12,000      | Max Vertical Load (lbf)                           |
| 2 3/4"      | Max drawpin diameter                              |
| ADI Grade 3 | Construction material                             |
| 1"          | Bolt hole size                                    |
| 2 1/4"      | Bolt holes center distance                        |
| 4"          | Receiver width                                    |
| 7/8"        | Minimum bracket thickness<br>Bracket not included |

- ADI Grade 3 iron to ASTM 897-90 Standard.
- ISO 21244-2008 compliant.

#### Optional Pin Step-down Kit

BH53KIT is a optional kit that takes up the slack when using a smaller 2" drawpin, increasing control and eliminating impact-wear. The patented Stepdown plate is adjustable with no tools to allow for side-mounting when not in use.

### **Mounting**

Use (3) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.



# **Articulating Ball Hitch 3-hole**

BH5SABA, BH5SABSA

#### **Specifications**

| 670         | Max horsepower  |
|-------------|---|
| 139,000     | Max draft load (lbf)  |
| 30,000      | Max Vertical Load (lbf)   |
| 2 3/4"      | Max drawpin diameter (BH5SABA) With included HM33B Ball Bushing   |
| 2"          | Max drawpin diameter (BH5SABASA) With included HM42B Ball Bushing |
| ADI Grade 3 | Construction material   |
| 1"          | Bolt hole size  |
| 2 1/4"      | Bolt holes center distance  |
| 4"          | Receiver width  |
| 7/8"        | Minimum bracket thickness<br>Bracket not included                 |

- ADI Grade 3 iron to ASTM 897-90 Standard.
- ISO 21244-2008 compliant.

### **Articulating Ball Bushing**

The AB Hitch design allows for 45° of total articulation which maximizes contact at any angle. Dramatically reduces drawpin and implement ring hitch wear. The AB Hitch eliminates excessive slack in the connection to accommodate for tight turns and rough terrain and provides much smoother operation and increased control for GPS navigation.

Multiple optional ball sizes available, and flanged sleeve bushings allow for even faster small step-down to accommodate smaller pin sizes.

#### **Mounting**

Use (3) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.









| 402         | Max horsepower                                    |
|-------------|---|
| 120,000     | Max draft load (lbf)                              |
| 10,000      | Max Vertical Load (lbf)                           |
| 2"          | Max drawpin diameter                              |
| ADI Grade 4 | Construction material                             |
| 1"          | Bolt hole size                                    |
| 2 1/4"      | Bolt holes center distance                        |
| 4"          | Receiver width                                    |
| 3/4"        | Minimum bracket thickness<br>Bracket not included |

- ADI Grade 4 iron to ASTM 897-90 Standard.
- ISO 21244-2008 compliant.

### **Clevis Option**

The patented weld-on clevis can be purchased to accommodate a 11/4" drawpin. Clevis top and bottom plate are slotted to for articulation. Clevis bottom tongue is rated for a draft load of 20,500 lbf and can be swung aside when not in use.

#### **Mounting**

Use (2) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.





| 248         | Max horsepower   |
|-------------|--|
| 95,000      | Max draft load (lbf)   |
| 22,000      | Max Vertical Load (lbf)  |
| 2"          | Max drawpin diameter (BH4SAB3HA) With included HM31B Ball Bushing  |
| 11/2"       | Max drawpin diameter (BH4SAB3HSA) With included HM32B Ball Bushing |
| ADI Grade 3 | Construction material  |
| 1"          | Bolt hole size   |
| 2 1/4"      | Bolt holes center distance   |
| 4"          | Receiver width   |
| 3/4"        | Minimum bracket thickness Bracket not included                     |

- ADI Grade 3 iron to ASTM 897-90 Standard.
- ISO 21244-2008 compliant.

### **Articulating Ball Bushing**

The AB Hitch design allows for 45° of total articulation which maximizes contact at any angle. Dramatically reduces drawpin and implement ring hitch wear. The AB Hitch eliminates excessive slack in the connection to accommodate for tight turns and rough terrain and provides much smoother operation and increased control for GPS navigation.

Multiple optional ball sizes available, and flanged sleeve bushings allow for even faster small step-down to accommodate smaller pin sizes.

### **Mounting**

Use (3) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.





# **Articulating Ball Hitch 2-hole**

BH4SABA, BH4SABSA

#### **Specifications**

| 402         | Max horsepower   |
|-------------|--|
| 114,000     | Max draft load (lbf)   |
| 25,000      | Max Vertical Load (lbf)  |
| 2"          | Max drawpin diameter (BH4SABA) With included HM31B Ball Bushing  |
| 11/2"       | Max drawpin diameter (BH4SABSA) With included HM32B Ball Bushing |
| ADI Grade 3 | Construction material  |
| 1"          | Bolt hole size   |
| 2 1/4"      | Bolt holes center distance                                       |
| 4"          | Receiver width   |
| 3/4"        | Minimum bracket thickness<br>Bracket not included                |

- ADI Grade 3 iron to ASTM 897-90 Standard.
- ISO 21244-2008 compliant.

### **Articulating Ball Bushing**

The AB Hitch design allows for 45° of total articulation which maximizes contact at any angle. Dramatically reduces drawpin and implement ring hitch wear. The AB Hitch eliminates excessive slack in the connection to accommodate for tight turns and rough terrain and provides much smoother operation and increased control for GPS navigation.

Multiple optional ball sizes available, and flanged sleeve bushings allow for even faster small step-down to accommodate smaller pin sizes.

### **Mounting**

Use (2) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.







# **Articulating Ball Hitch**

**BH4SABROA** 

For 2.78" diameter spindle

#### **Specifications**

| 402         | Max horsepower          |
|-------------|-------------------------|
| 114,000     | Max draft load (lbf)    |
| 25,000      | Max Vertical Load (lbf) |
| 2"          | Max drawpin diameter    |
| ADI Grade 3 | Construction material   |
| 1"          | Bolt hole size          |
| 2.88"       | Receiver diameter       |

- ADI Grade 3 iron to ASTM 897-90 Standard.
- ISO 21244-2008 compliant.

#### **Articulating Ball Bushing**

The AB Hitch design allows for 45° of total articulation which maximizes contact at any angle. Dramatically reduces drawpin and implement ring hitch wear. The AB Hitch eliminates excessive slack in the connection to accommodate for tight turns and rough terrain and provides much smoother operation and increased control for GPS navigation.

Multiple optional ball sizes available, and flanged sleeve bushings allow for even faster small step-down to accommodate smaller pin sizes.

### **Mounting**

Use (1) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.



To remove, rotate ball to 90° and remove from bottom.





# **Ring Hitch 2-hole**

**BH321ADI, BH321R** 

#### **Specifications**

|             | BH321ADI                                       |
|-------------|--|
| ADI Grade 4 | Construction material                          |
| 248         | Max horsepower                                 |
| 108,000     | Max draft load (lbf)                           |
| 9,500       | Max Vertical Load (lbf)                        |
|             | BH321R   |
| D80-55-06   | Construction material                          |
| 248         | Max horsepower                                 |
| 97,000      | Max draft load (lbf)                           |
| 7,000       | Max Vertical Load (lbf)                        |
| 2"          | Max drawpin diameter                           |
| 1"          | Bolt hole size                                 |
| 2 1/4"      | Bolt holes center distance                     |
| 4"          | Receiver width                                 |
| 5/8"        | Minimum bracket thickness Bracket not included |

- ISO 21244-2008 compliant.
- Ring-Hitch allows for articulation while having a flat surface on the inner ring to reduced wear
- Turn the base Hitch over to allow for more height adjustment.

### **Mounting**

Use (2) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.

## **Clevis Option**

The clevis (C3CKIT with bolt assembly and top / bottom plate) can be purchased to accommodate a 11/4" drawpin. Clevis top and bottom plate are slotted to for articulation. Clevis bottom tongue is rated for a draft load of 20,500 lbf and can be swung aside when not in use.





|             | BH337ADI  |
|-------------|---|
| ADI Grade 4 | Construction material                             |
| 248         | Max horsepower                                    |
| 108,000     | Max draft load (lbf)                              |
| 9,500       | Max Vertical Load (lbf)                           |
|             | BH337R  |
| D80-55-06   | Construction material                             |
| 248         | Max horsepower                                    |
| 97,000      | Max draft load (lbf)                              |
| 7,000       | Max Vertical Load (lbf)                           |
| 2"          | Max drawpin diameter                              |
| 3/4"        | Bolt hole size                                    |
| 1 1/2"      | Bolt holes center distance                        |
| 4"          | Receiver width                                    |
| 5/8"        | Minimum bracket thickness<br>Bracket not included |

- ISO 21244-2008 compliant.
- Ring-Hitch allows for articulation while having a flat surface on the inner ring to reduced wear
- Turn the base Hitch over to allow for more height adjustment.

## **Mounting**

Use (3) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.

## **Clevis Option**

The clevis (C3CKIT with bolt assembly and top / bottom plate) can be purchased to accommodate a 11/4" drawpin. Clevis top and bottom plate are slotted to for articulation. Clevis bottom tongue is rated for a draft load of 20,500 lbf and can be swung aside when not in use.





#### **Specifications**

| 248         | Max horsepower  |
|-------------|---|
| 77,000      | Max draft load (lbf)  |
| 22,000      | Max Vertical Load (lbf)   |
| 2"          | Max drawpin diameter (BH3SABLA) With included HM31B Ball Bushing    |
| 11/2"       | Max drawpin diameter (BH3SABA) With included HM32B Ball Bushing     |
| 1 1/4"      | Max drawpin diameter (BH3SABSA)<br>With included HM36B Ball Bushing |
| ADI Grade 3 | Construction material   |
| 1"          | Bolt hole size  |
| 2 1/4"      | Bolt holes center distance  |
| 4"          | Receiver width  |
| 3/4"        | Minimum bracket thickness<br>Bracket not included                   |

- ADI Grade 3 iron to ASTM 897-90 Standard.
- ISO 21244-2008 compliant.

### **Mounting**

Use (2) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.

## **Articulating Ball Bushing**

The AB Hitch design allows for 45° of total articulation which maximizes contact at any angle. Dramatically reduces drawpin and implement ring hitch wear. The AB Hitch eliminates excessive slack in the connection to accommodate for tight turns and rough terrain and provides much smoother operation and increased control for GPS navigation.

Multiple optional ball sizes available, and flanged sleeve bushings allow for even faster small step-down to accommodate smaller pin sizes.





# **Articulating Ball Hitch 3-hole**

ВНЗЅАВЗНІА, ВНЗЅАВЗНА, ВНЗЅАВЗНЅА

#### **Specifications**

| 248         | Max horsepower   |
|-------------|--|
| 95,000      | Max draft load (lbf)   |
| 22,000      | Max Vertical Load (lbf)  |
| 2"          | Max drawpin diameter (BH3SAB3HLA) With included HM31B Ball Bushing |
| 11/2"       | Max drawpin diameter (BH3SAB3HA) With included HM32B Ball Bushing  |
| 1 1/4"      | Max drawpin diameter (BH3SAB3HSA) With included HM36B Ball Bushing |
| ADI Grade 3 | Construction material  |
| 3/4"        | Bolt hole size   |
| 1 1/2"      | Bolt holes center distance   |
| 4"          | Receiver width   |
| 5/8"        | Minimum bracket thickness<br>Bracket not included                  |

- ADI Grade 3 iron to ASTM 897-90 Standard.
- ISO 21244-2008 compliant.

### **Mounting**

Use (3) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.

## **Articulating Ball Bushing**

The AB Hitch design allows for 45° of total articulation which maximizes contact at any angle. Dramatically reduces drawpin and implement ring hitch wear. The AB Hitch eliminates excessive slack in the connection to accommodate for tight turns and rough terrain and provides much smoother operation and increased control for GPS navigation.

Multiple optional ball sizes available, and flanged sleeve bushings allow for even faster small step-down to accommodate smaller pin sizes.







| 154       | Max horsepower                                    |
|-----------|---|
| 55,000    | Max draft load (lbf)                              |
| 3,700     | Max Vertical Load (lbf)                           |
| 11/2"     | Max drawpin diameter                              |
| D80-55-06 | Construction material                             |
| 1"        | Bolt hole size                                    |
| 2"        | Bolt holes center distance                        |
| 4"        | Receiver width                                    |
| 5/8"      | Minimum bracket thickness<br>Bracket not included |

- Ductile iron D80-55-06 to ASTM A536 Standard.
- ISO 21244-2008 compliant.

#### **Mounting**

Use (3) 1" diameter Grade 8 fasteners. (Not included)

Ensure there is no side-play between hitch and bracket when mounting. If so, use shims or washers to take up the slack before using Gr.8 bolts to mount it tight. This is to help from shearing off the bolts when under extreme side loads.

### **Clevis Option**

The weld-on clevis can be purchased (C2CKIT with bolt assembly and top / bottom plate) to accommodate a 11/4" drawpin. Clevis top and bottom plate are slotted to for articulation. Clevis bottom tongue is rated for a draft load of 17,500 lbf and can be swung aside when not in use.







Hitch systems that define safety, simplicity and strength.



#### S3 PowerPin

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#### S3 Air Systems

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