



# BH-50mmRN41

## BH-50mmRN41 SPECIFICATIONS



Weight 4.45 kg



### Rigid type pintle hook with 50mm ball hitch

#### CAPACITY – Pintle Hook:

**1814.37 kg Maximum Vertical Load**

**9071.85 kg Maximum Gross Trailer Weight**

#### CAPACITY – 50mm Ball Hitch:

**4535.92 kg Maximum Gross Trailer Weight**

**Meets SAE J684 Class 4 Standards in a 50mm Ball**

#### SAE J847 Information:

Type I - not applicable. Type II - 9071.85 kg

#### IMPORTANT SAFETY INFORMATION:

Maintain adequate vertical (tongue) load to properly control the trailer (generally 10%) but do not exceed the above rated capacities.

**DO NOT** damage the latch. Be particularly careful with the drawbar when coupling and uncoupling.

Other steps and inspections are also required. Consult OSHA and D.O.T. regulations and American Trucking Association for complete coupling and uncoupling procedures. These cover items such as cargo securement, brakes, lights, safety chains, and other important requirements.

This equipment must not be used or maintained in a careless manner.

#### GENERAL INFORMATION

1. Do not modify or add to the product.
2. Wear safety goggles during installation, removal and servicing.
3. Never strike any part of the item with a steel hammer.
4. Do not weld on this product.

This product is covered by Holland's Commercial Products Warranty. Holland reserves the right, without giving prior notice, to change specifications and dimensions as designs are altered or improved.

#### TOWING APPLICATIONS:

Trailers and equipment designed for over-the-road towing within the stated capacities. For off-road applications, reduce the capacities above by 25% and use in conjunction with a swivel type drawbar. This pintle hook/ball hitch is well suited for use in the utility and construction industries.

#### DRAWBAR EYE/BALL HITCH DIMENSIONS:

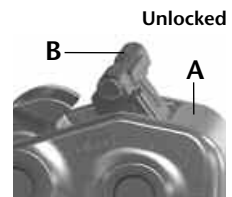
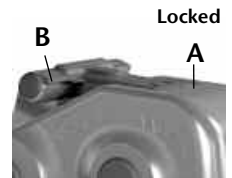
60.45mm to 76.20mm I.D. with 31.75mm to 41.40mm diameter section with 50mm SAE J684 ball hitch coupler.

#### MOUNTING:

1. Use a mounting structure of sufficient strength to support the rated capacity of the pintle hook in accordance with SAE J849 and SAE J847 respectively.
2. Use the hole pattern described on the reverse.
3. Use (4) 12mm Class 10.9 fasteners, properly tightened — recommended minimum torque is 81.35 Nm, per SAE J429.

#### OPERATING INSTRUCTIONS – PINTLE HOOK:

1. Before operating, inspect for proper operation, worn, damaged or missing parts and secure mounting. Correct as required before use.
2. Open the latch (A) by lifting the lock handle (B).
3. Position drawbar eye over the horn of the pintle hook and lower into place.
4. Push the latch (A) closed. When locked, the lock handle (B) will rotate and move down until it is flush with the top of the latch.
5. If main lock does not engage when attempting to close latch, do not force it closed by striking. Check bottom of latch and top of horn and lock seating notch on pintle body that they are free of debris.



#### OPERATING INSTRUCTIONS – BALL HITCH:

1. Before operating, inspect for proper operation, worn, damaged or missing parts and secure mounting. Correct as required before use.
2. Open latch (A) and lift the lock handle (B).
3. Position ball coupler over the 50mm ball and lock into place, following the instructions of the coupler manufacturer. Be sure coupler size matches ball size.

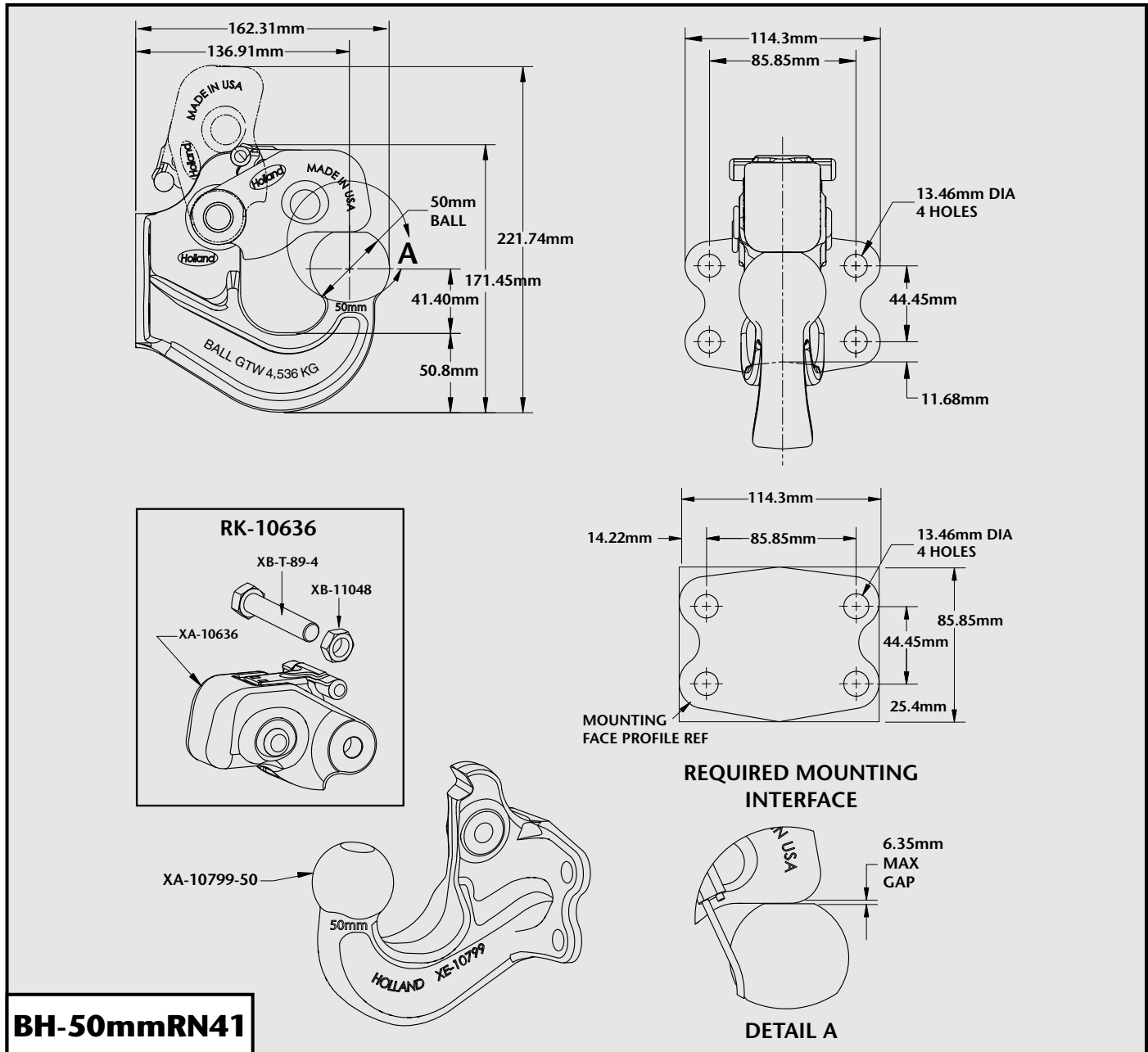
**MAINTENANCE:**

For proper performance, the following maintenance steps should be performed every 48,280 km or 3 months, whichever comes first.

1. Clean and inspect for work, damaged, or missing parts. Replace as required using only Holland parts.
2. Inspect the hook (XA-10799-50) and latch sub-assembly (XA-10636) in areas where contact is made with the drawbar for excessive wear. Replace the hook when

wear exceeds 3.175mm from the original surface profile.

3. With the latch closed, measure the gap between the hook and the latch while lifting up on the latch. Replace the latch (XA-10636 sub-assembly) when the gap exceeds 6.35mm. See Detail A.
4. Check mounting fasteners as instructed in Step 3 of the "Mounting" section.



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