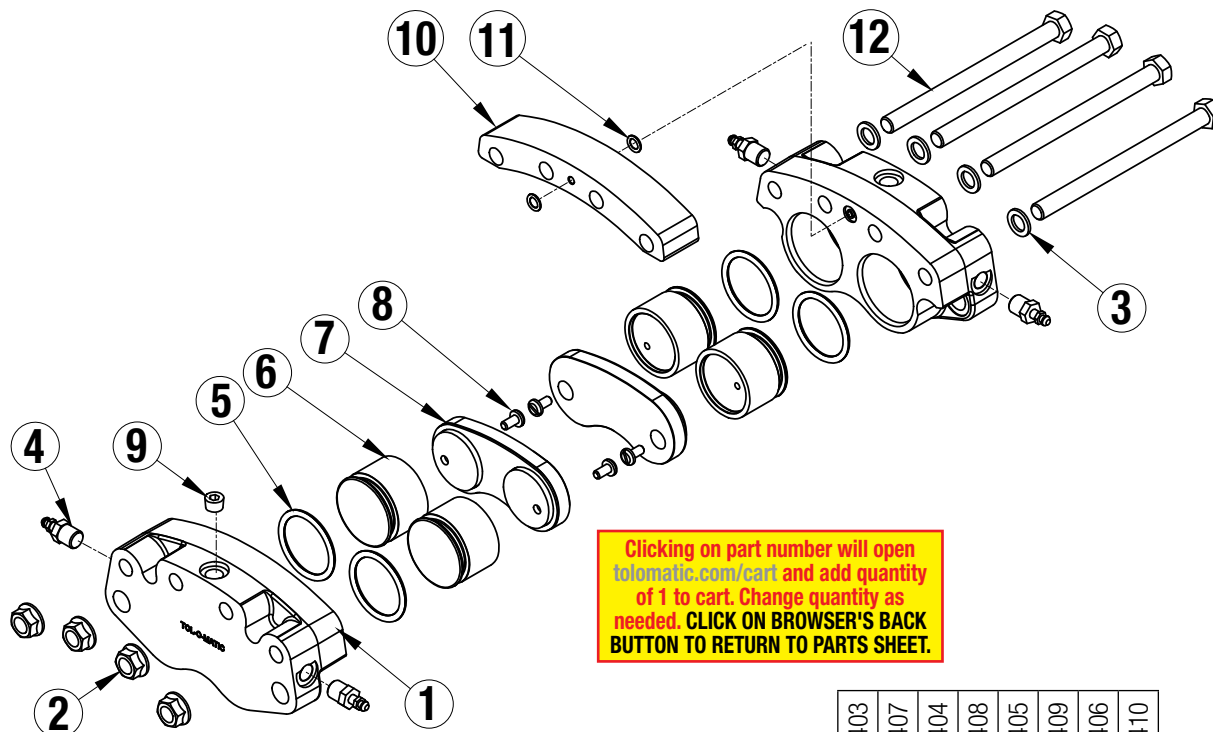


### HYDRAULIC BRAKE H220DI SERIES CAST IRON

#### Models Included:

|           |                           |           |                           |
|-----------|---------------------------|-----------|---------------------------|
| H220DLCI  | <a href="#">0735-0405</a> | H220DACI  | <a href="#">0735-0403</a> |
| H220DLCIG | <a href="#">0735-0409</a> | H220DACIG | <a href="#">0735-0407</a> |
| H220DECI  | <a href="#">0735-0406</a> | H220DBCIG | <a href="#">0735-0404</a> |
| H220DECIG | <a href="#">0735-0410</a> | H220DBCIG | <a href="#">0735-0408</a> |



Clicking on part number will open [tolomatic.com/cart](http://tolomatic.com/cart) and add quantity of 1 to cart. Change quantity as needed. **CLICK ON BROWSER'S BACK BUTTON TO RETURN TO PARTS SHEET.**

Click on Part No. to Add to Cart

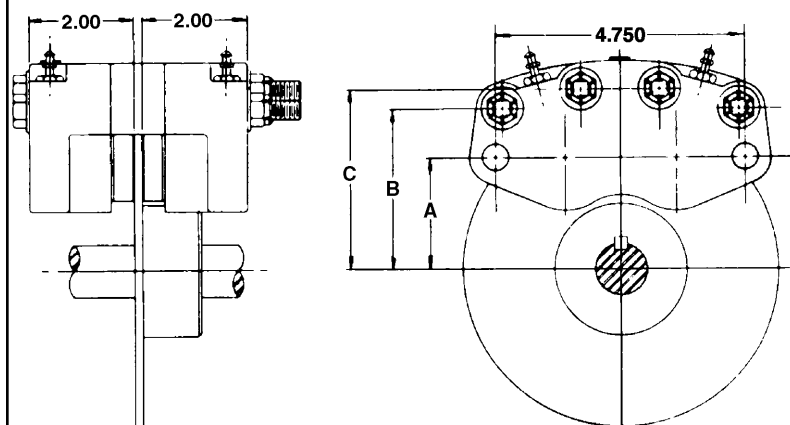
| ITEM | PART NO.                  | DESCRIPTION                       | 0735-0403 | 0735-0407 | 0735-0404 | 0735-0408 | 0735-0405 | 0735-0409 | 0735-0406 | 0735-0410 |
|------|---------------------------|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1.   | <a href="#">0735-1041</a> | Live Side Housing                 | 2         | 2         | 2         | 2         | 2         | 2         | 2         | 2         |
| 2.   | <a href="#">0720-1008</a> | Lock Nut, Flanged                 | 4         | 4         | 4         | 4         | 4         | 4         | 4         | 4         |
| 3.   | <a href="#">0720-1007</a> | Washer                            | 4         | 4         | 4         | 4         | 4         | 4         | 4         | 4         |
| 4.   | <a href="#">0740-1002</a> | Bleeder Valve                     | 4         | 4         | 4         | 4         | 4         | 4         | 4         | 4         |
| 5.   | <a href="#">0720-1155</a> | O-Ring, Buna-N                    | 4         |           | 4         |           | 4         |           | 4         |           |
|      | <a href="#">0720-1157</a> | O-Ring, EPR                       |           | 4         |           | 4         |           | 4         |           | 4         |
| 6.   | <a href="#">0740-1035</a> | Piston                            | 4         | 4         | 4         | 4         | 4         | 4         | 4         | 4         |
| 7.   | <a href="#">0740-1081</a> | Puck Assy., Segmented, 220 Molded | 2         | 2         | 2         | 2         | 2         | 2         | 2         | 2         |
| 8.   | <a href="#">0720-1026</a> | Pan Head Screw                    | 4         | 4         | 4         | 4         | 4         | 4         | 4         | 4         |
| 9.   | <a href="#">1014-1065</a> | Breather Pipe Plug                | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         |
| 10.  | <a href="#">0733-1085</a> | A Spacer, 5/32" disc              | 1         | 1         |           |           |           |           |           |           |
|      | <a href="#">0733-1086</a> | B Spacer, 1/4" disc               |           |           | 1         | 1         |           |           |           |           |
|      | <a href="#">0733-1087</a> | L Spacer, 3/8" disc               |           |           |           |           | 1         | 1         |           |           |
|      | <a href="#">0733-1088</a> | E Spacer, 1/2" disc               |           |           |           |           |           |           | 1         | 1         |
| 11.  | <a href="#">0720-1003</a> | O-Ring, Buna-N                    | 2         |           | 2         |           | 2         |           | 2         |           |
|      | <a href="#">3025-1015</a> | O-Ring, EPR                       |           | 2         |           | 2         |           | 2         |           | 2         |
| 12.  | <a href="#">0740-1009</a> | Hex Head Bolt, 5.50"              |           |           | 4         | 4         | 4         | 4         | 4         | 4         |
|      | <a href="#">0720-1012</a> | Hex Head Bolt, 5.00"              | 4         | 4         |           |           |           |           |           |           |

**NOTE:** Items marked with capital letters are used only in models with those letter suffixes. Model number letter suffixes have the following meanings:

"A" indicates the brake is designed to work with a 5/32" thick disc.  
 "B" indicates the brake is designed to work with a 1/4" thick disc.  
 "C" indicates the brake has bleeder fittings.  
 "D" indicates the brake has double live sides.  
 "E" indicates the brake is designed to work with a 1/2" thick disc.

"G" indicates the brake is built with EPR Seals and is DESIGNED TO BE OPERATED WITH AUTOMOTIVE BRAKE FLUID ONLY. (In brakes without the "G" suffix, most petroleum-based, hydraulic fluids may be used).  
 "I" indicates the brake is made of cast iron.  
 "L" indicates the brake is designed to work with a 3/8" thick disc.

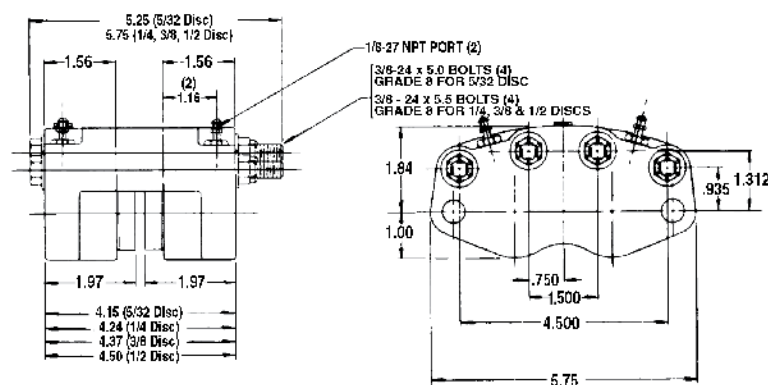
## MOUNTING DIMENSIONS



| DISC<br>DIA. IN. | H220DXCI |      |      |
|------------------|----------|------|------|
|                  | A        | B    | C    |
| 6-5/16           | 2.13     | 3.07 | 3.45 |
| 8                | 3.00     | 3.94 | 4.32 |
| 10               | 4.00     | 4.94 | 5.32 |
| 12               | 5.00     | 5.94 | 6.32 |
| 16               | 7.09     | 8.03 | 8.41 |

All Dimensions in Inches

## MOUNTING DIMENSIONS



All Dimensions in Inches

H220DXCI

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MAXIMUM BRAKE OPERATING PRESSURE IS 1500 PSI (103.4 bar).

## INSTALLATION

1. The H220DI Brake is designed for fixed mounting. Use either casting face for mounting the brake against a fixed member with SAE Grade 8 Bolts, torquing them to 480 in-lbs (54.23 N-m).
2. When mounting the brake, take care to make certain the puck faces are aligned parallel with the disc.
3. Pressure in the brake must be released when the brake is off. Do not operate the brake with master cylinders that have a residual pressure check valve. This back pressure will cause drag and excess heat which will result in reduced Friction Puck life.
4. Bleeding Procedure: This caliper disc brake will bleed best when mounted at a 12 o'clock position on the disc. If mounted in another location, it will be necessary to first bleed the brake and then mount it. One bleeder valve should always be at the highest elevation of the brake. Improper bleeding will cause poor braking characteristics.

## MAINTENANCE

1. Disconnect the brake's hydraulic connections.
2. Unbolt the brake from its mounting and then unbolt the brake housing.
3. Remove the Segmented Pucks (#7) and install the new Pucks, attaching them with Pan Head Screws (#8), applying Loctite® to the threads and torquing to 20 in-lbs (2.26 N-m).
4. Reassemble the brake, paying close attention to the exploded drawing on this sheet for instructions. Then, remount the brake.

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**Tolomatic**  
EXCELLENCE IN MOTION

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