



ITEM NUMBER

**CM-  
SPA2222-315N  
1**

Sealed Spherical Pillow Blocks, Ductile End Cover, Open/Closed End, SPAW Type

Sealed Spherical Pillow Blocks, Ductile End Cover, Open/Closed End, SPAW/SPW Type

**d**  
**100,013 mm**  
 Bore

**D**  
 —  
 Outside diameter

**B**  
 —  
 Width

View details: <https://catson.vn/tra-cuu-vong-bi/ntn/cm-spaw2222-315n1/?lang=en>

## Technical Specifications

|                             |                          |
|-----------------------------|--------------------------|
| Type                        | Pillow Block Unit        |
| Bearing Type                | Spherical Roller Bearing |
| Seal Material               | Nitrile Rubber           |
| Locking Device              | Adapter                  |
| Bearing Number              | MX-W22222EALLKW33C3      |
| Housing Number              | SPA222N1                 |
| Adapter Sleeve Number       | HA2322XM1                |
| Housing Material            | Ductile Iron             |
| Housing Construction        | 1 Piece                  |
| Mounting Type               | 4-Bolt                   |
| Performance                 | Heavy Duty               |
| End Type                    | (1) Open & (1) Closed    |
| Dynamic Load Rating         | 602000 N                 |
| Static Load Rating          | 643000 N                 |
| Rotational Speed [Max]      | 1400 RPM                 |
| Operating Temperature Range | -40 to 200 °C            |

## Guidelines for Mounting

|                              |                         |
|------------------------------|-------------------------|
| Axial Displacement - Min.    | 0.030 in                |
| Axial Displacement - Max.    | 0.043 in                |
| Recommended Locknut Rotation | 180 °                   |
| Hydraulic Pressure - Min.    | 2650 lb/in <sup>2</sup> |
| Hydraulic Pressure - Max.    | 3700 lb/in <sup>2</sup> |

## Shaft Tolerance

|                 |                   |
|-----------------|-------------------|
| Shaft Tolerance | nominal to -87 µm |
|-----------------|-------------------|

## Allowable Loads

|                        |          |
|------------------------|----------|
| Allowable Loads - P60  | 47500 lb |
| Allowable Loads - P90  | 28500 lb |
| Allowable Loads - P120 | 21000 lb |
| Allowable Loads - P150 | 18500 lb |
| Allowable Loads - P180 | 23500 lb |

## Dimensional Specifications

|    |            |
|----|------------|
| d  | 100.013 mm |
| h  | 125.4 mm   |
| a  | 419.0 mm   |
| b  | 100.0 mm   |
| b1 | 121.0 mm   |
| c  | 45.0 mm    |
| l  | 184.988 mm |
| m  | 344.5 mm   |
| n  | 69.9 mm    |
| w  | 262.0 mm   |
| u  | 22.0 mm    |
| v  | 42.9 mm    |

## CONTACT

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