



# Shanghai Sunpace Machinery Co., Ltd.

3.543 Inch | 90 Millimeter x 3.78 Inch | 96 Millimeter x 4.646 Inch | 118 Millimeter NTN UCP318D1 Pillow Block Bearings



UCP318D1 Bearing 2D drawings and 3D CAD models

Bearing No. UCP318D1

|                           |   |
|---------------------------|---|
| Category                  | Pillow Block Bearings   |
| Inventory                 | 0.0   |
| Manufacturer Name         | NTN   |
| Minimum Buy Quantity      | N/A   |
| Weight                    | 23.451  |
| EAN                       | 4547359503661   |
| Product Group             | M06110  |
| Number of Mounting Holes  | 2   |
| Mounting Method           | Set Screw   |
| Housing Style             | 2 Bolt Pillow Block   |
| Rolling Element           | Ball Bearing  |
| Housing Material          | Cast Iron   |
| Expansion / Non-expansion | Non-expansion   |
| Mounting Bolts            | 27 Millimeter   |
| Relubricatable            | Yes   |
| Insert Part Number        | UC318D1   |
| Seals                     | Single Lip Land Riding  |
| Housing Configuration     | 1 Piece Solid   |
| Inch - Metric             | Metric  |
| Other Features            | Single Row   Heavy Duty   Wide Inner Race   Has Flinger                                     |
| Long Description          | 2 Bolt Pillow Block; 90MM Bore; 118MM Base to Center Height; Set Screw Mount; Ball Bearing; |



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|                               |  |
|-------------------------------|--|
|                               | Relubricatable; Cast Iron;<br>Single Lip Land Riding;<br>Non-expansion |
| Category                      | Pillow Block   |
| UNSPSC                        | 31171511   |
| Harmonized Tariff Code        | 8483.20.40.40  |
| Noun                          | Bearing  |
| Keyword String                | Pillow Block   |
| Manufacturer URL              | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>      |
| Manufacturer Item Number      | UCP318D1   |
| Weight / LBS                  | 48.502   |
| Nominal Bolt Center to Center | 13 Inch   330 Millimeter   |
| Bolt Spacing Maximum          | 0 Inch   0 Millimeter  |
| D                             | 3.78 Inch   96 Millimeter  |
| Actual Bolt Center to Center  | 13 Inch   330 Millimeter   |
| d                             | 3.543 Inch   90 Millimeter   |
| B                             | 4.646 Inch   118 Millimeter  |
| Bolt Spacing Minimum          | 0 Inch   0 Millimeter  |
| mounting:                     | Two-Bolt Base  |
| finish/coating:               | Uncoated   |
| bore diameter:                | 90 mm  |
| overall width:                | 96 mm  |
| bore type:                    | Round  |
| radial dynamic load capacity: | 32000 lb   |
| base to bore centerline:      | 118 mm   |
| radial static load capacity:  | 24100 lb   |
| duty type:                    | Heavy Duty   |
| base width:                   | 110 mm   |
| housing material:             | Cast Iron  |
| bolt center-to-center length: | 330 mm   |
|                               |  |



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|                      |                                  |
|----------------------|----------------------------------|
| locking device:      | Set Screw                        |
| lubrication type:    | Lubrication Fitting              |
| seal type:           | Contact with Flinger             |
| series:              | UCP3                             |
| expansion type:      | Non-Expansion Bearing<br>(Fixed) |
| replacement bearing: | UC318D1                          |
| overall length:      | 430 mm                           |
| standards met:       | ANSI, ISO, AFBMA                 |
| overall height:      | 235 mm                           |