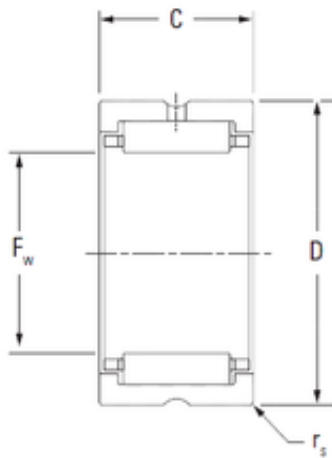




# CAR Bearing manufacturing Co.,Ltd



## KOYO HJ-283720 needle roller bearings

Bearing No. HJ-283720

|                               |   |
|-------------------------------|---|
| Size                          | 44.45x58.738x31.75 mm                           |
| Bore Diameter                 | 44,45 mm  |
| Outer Diameter                | 58,738 mm                                       |
| Width                         | 31,75 mm  |
| Fw                            | 44,45 mm  |
| D                             | 58,738 mm                                       |
| C                             | 31,75 mm  |
| r5 min.                       | 1,52 mm   |
| Weight                        | 0,222 Kg  |
| Basic dynamic load rating (C) | 61,8 kN   |
| Basic static load rating (C0) | 106 kN  |
| (Grease) Lubrication Speed    | 9900 r/min                                      |
| Category                      | Needle Non Thrust Roller Bearings               |
| Inventory                     | 57.0  |
| Manufacturer Name             | KOYO  |
| Minimum Buy Quantity          | N/A   |
| Weight / Kilogram             | 0.22  |
| Product Group                 | B04144  |
| Rolling Element               | Needle Roller Bearing                           |
| Component                     | Roller Assembly with Outer Ring - No Inner Ring |
| Enclosure                     | Open  |
| Self Aligning                 | No  |
| Retainer                      | Yes   |
| Number of Rows of Rollers     | Single Row                                      |
|                               |   |

HJ-283720 Bearing 2D drawings and 3D CAD models



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|                          |   |
|--------------------------|---|
| Separable                | No  |
| Closed End               | No  |
| Inch - Metric            | Inch  |
| Relubricatable           | Yes   |
| Thrust Bearing           | No  |
| Long Description         | 1-3/4" Bore; 2-5/16" Outside Diameter; 1-1/4" Width; Needle Roller Bearing; Roller Assembly with Outer Ring - No Inner Ring; Open Enclosure; No Self Aligning; Yes Retainer; Single Row o |
| Other Features           | 2 Rib Outer Ring   Steel Cage   Heavy Duty   Oil Hole   |
| Category                 | Needle Non Thrust Roller Bearing  |
| UNSPSC                   | 31171512  |
| Harmonized Tariff Code   | 8482.40.00.00   |
| Noun                     | Bearing   |
| Keyword String           | Needle  |
| Manufacturer URL         | <a href="http://www.koyousa.com">http://www.koyousa.com</a>   |
| Manufacturer Item Number | HJ-283720   |
| Weight / LBS             | 0.49  |
| Outside Diameter         | 2.313 Inch   58.75 Millimeter   |
| Width                    | 1.25 Inch   31.75 Millimeter  |
| Bore                     | 1.75 Inch   44.45 Millimeter  |
| Bearing No.              | HJ-283720   |
| rs(min)                  | 1.52  |
| Used with inner ring No. | IR-222820   |
| Cr                       | 31.75   |
| C0r                      | 106   |
| Cu                       | 16.6  |
| Grease lub.              | 6400  |



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|                                     |        |
|-------------------------------------|--------|
| Oil lub.                            | 9900   |
| (Refer.)Mass(kg)                    | 0.222  |
| Clearance fit S(h6)(max.)           | 44.450 |
| Clearance fit S(h6)(min.)           | 44.435 |
| Clearance fit H(H7)(max.)           | 58.768 |
| Clearance fit H(H7)(min.)           | 58.738 |
| Tight transition fit<br>S(f6)(max.) | 44.425 |
| Tight transition fit<br>S(f6)(min.) | 44.409 |
| Tight transition fit<br>H(N7)(max.) | 58.730 |
| Tight transition fit<br>H(N7)(min.) | 58.699 |
| Da                                  | 53.98  |