

# KOYO HC ST3875-9LFT tapered roller bearings

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|                               |             |
|-------------------------------|-------------|
| Size (mm)                     | 8x22x7      |
| Bore Diameter (mm)            | 8           |
| Outer Diameter (mm)           | 22          |
| Width (mm)                    | 7           |
| d                             | 8 mm        |
| D                             | 22 mm       |
| B                             | 7 mm        |
| C                             | 7 mm        |
| d1                            | 12,1 mm     |
| d2                            | – mm        |
| r1 min.                       | 10 mm       |
| r2 min.                       | 10 mm       |
| D1                            | 19,2 mm     |
| D2                            | 0,3 mm      |
| da min.                       | 10 mm       |
| Da max.                       | 20 mm       |
| ra max.                       | 0.3 mm      |
| Weight                        | 0,013 Kg    |
| Basic dynamic load rating (C) | 3,45 kN     |
| Basic static load rating (C0) | 1,37 kN     |
| Fatigue load limit (Pu)       | 0,057       |
| Reference speed               | 75000 r/min |

|                                 |  |
|---------------------------------|--|
| Limiting speed                  | 38000 r/min  |
| Calculation factor (f0)         | 12   |
| Inventory                       | 9.0  |
| Manufacturer Name               | SKF  |
| Minimum Buy Quantity            | N/A  |
| Weight / Kilogram               | 0.015  |
| EAN                             | 7316570468236  |
| Product Group                   | B00308   |
| Enclosure                       | 2 Metal Shields  |
| Precision Class                 | ABEC 1   ISO P0  |
| Maximum Capacity / Filling Slot | No   |
| Rolling Element                 | Ball Bearing   |
| Snap Ring                       | No   |
| Internal Special Features       | No   |
| Cage Material                   | Steel  |
| Internal Clearance              | C0-Medium  |
| Inch – Metric                   | Metric   |
| Long Description                | 8MM Bore; 22MM Outside Diameter; 7MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1   ISO P |
| Other Features                  | Deep Groove  |
| UNSPSC                          | 31171504   |
| Harmonized Tariff Code          | 8482.10.50.68  |
| Noun                            | Bearing  |
| Keyword String                  | Ball   |
| Manufacturer Item Number        | 608-2Z   |
| Weight / LBS                    | 0.0315   |
| Outer Race Width                | 0.276 Inch   7 Millimeter  |
| Inner Race Width                | 0 Inch   0 Millimeter  |

|                             |                            |
|-----------------------------|----------------------------|
| Outside Diameter            | 0.866 Inch   22 Millimeter |
| Bore                        | 0.315 Inch   8 Millimeter  |
| d1 ≈                        | 12.15 mm                   |
| D2 ≈                        | 19.2 mm                    |
| da max.                     | 12 mm                      |
| Basic dynamic load rating C | 3.45 kN                    |
| Basic static load rating C0 | 1.37 kN                    |
| Fatigue load limit Pu       | 0.057 kN                   |
| Calculation factor kr       | 0.025                      |
| Calculation factor f0       | 12                         |
| Mass bearing                | 0.013 kg                   |