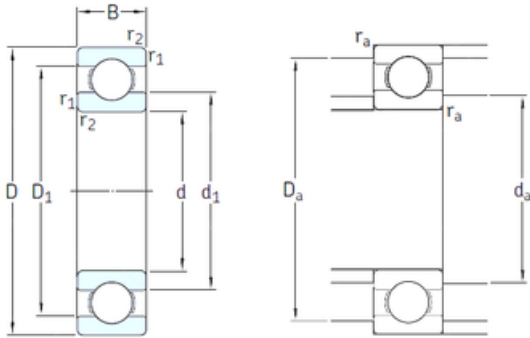




NTPT NTK BEARINGS CO.,LTD.



627-2RSLTN9/HC5C3WTF1 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 627-2RSLTN9/HC5C3WTF1

627-2RSLTN9/HC5C3WTF1 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------------------|
| Size | 7x22x7 mm |
| Bore Diameter | 7 mm |
| Outer Diameter | 22 mm |
| Width | 7 mm |
| d | 7 mm |
| D | 22 mm |
| B | 7 mm |
| C | 7 mm |
| d1 | – mm |
| d2 | 10,6 mm |
| r1 min. | 0,3 mm |
| r2 min. | 0,3 mm |
| D2 | 19,2 mm |
| da min. | 9,4 mm |
| da max | 10,5 mm |
| Da max. | 19,6 mm |
| ra max. | 0,3 mm |
| Weight | 0,012 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 | 95000 r/min |
| Limiting speed | 53000 r/min |
| Calculation factor (f0) | 12 |
| Category | Single Row Ball Bearings |



NTPT NTK BEARINGS CO.,LTD.

| | |
|---------------------------------|--|
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0 |
| Product Group | B00308 |
| Enclosure | 2 Seals |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | Silicon Nitride Rolling Element Electrical Insulated |
| Cage Material | Polyamide |
| Enclosure Type | Contact Seal |
| Internal Clearance | C3-Loose |
| Inch - Metric | Metric |
| Long Description | 7MM Bore; 22MM Outside Diameter; 7MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Silicon Nitride Rolling Element Electrical Insulated Internal Special Fe |
| Other Features | Deep Groove Low Friction NBR Seal Hybrid Silicon Nitride Rolling Element WT Standard Grease F1 Grease Fill |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| | |



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| | |
|--------------------------------|---|
| Manufacturer URL | http://www.skf.com |
| Weight / LBS | 0.012 |
| Bore | 0.276 Inch 7 Millimeter |
| Outer Race Width | 0.276 Inch 7 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Outside Diameter | 0.866 Inch 22 Millimeter |
| d_2 | 10.6 mm |
| D_2 | 19.2 mm |
| $r_{1,2}$ min. | 0.3 mm |
| d_a min. | 9.4 mm |
| d_a max. | 10.5 mm |
| D_a max. | 19.6 mm |
| r_a max. | 0.3 mm |
| Basic dynamic load rating C | 3.45 kN |
| Basic static load rating C_0 | 1.37 kN |
| Fatigue load limit P_u | 0.057 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 12.3 |
| Mass bearing | 0.012 kg |