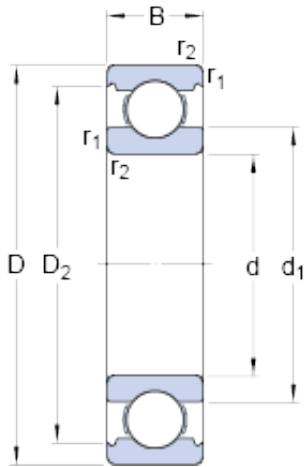




LEDONG Machinery Co., Ltd.



6209 Bearing 2D drawings and 3D CAD models

SKF High Performance Distributor Sales Deep Groove Ball Bearing 6209 for Agricultural Machinery

Bearing No. 6209

| | |
|---|--------------------------|
| Size | 85x45x19 mm |
| Bore Diameter | 85 mm |
| Outer Diameter | 45 mm |
| Width | 19 mm |
| d | 45 mm |
| D | 85 mm |
| B | 19 mm |
| d ₁ | 57.6 mm |
| D ₂ | 75.19 mm |
| r _{1,2} - min. | 1.1 mm |
| d _a - min. | 52 mm |
| D _a - max. | 78 mm |
| r _a - max. | 1 mm |
| Basic dynamic load rating - C | 35.1 kN |
| Basic static load rating - C ₀ | 21.6 kN |
| Fatigue load limit - P _u | 0.915 kN |
| Reference speed | 17000 r/min |
| Limiting speed | 11000 r/min |
| Calculation factor - k _r | 0.025 |
| Calculation factor - f ₀ | 14.2 |
| Category | Single Row Ball Bearings |
| Inventory | 1.0 |
| Manufacturer Name | SKF |



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| | |
|---------------------------------|--|
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.42 |
| EAN | 7316577613028 |
| Product Group | B00308 |
| Enclosure | Open |
| 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 | 45MM Bore; 85MM Outside Diameter; 19MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 6209 |
| Weight / LBS | 0.92 |
| Bore | 1.772 Inch 45 Millimeter |
| Outside Diameter | 3.346 Inch 85 Millimeter |
| Outer Race Width | 0.748 Inch 19 Millimeter |
| d ₁ | 57.6 mm |
| D ₂ | 75.19 mm |
| | |



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| | |
|--------------------------------|----------|
| $r_{1,2}$ min. | 1.1 mm |
| d_a min. | 52 mm |
| D_a max. | 78 mm |
| r_a max. | 1 mm |
| Basic dynamic load rating C | 33.2 kN |
| Basic static load rating C_0 | 21.6 kN |
| Fatigue load limit P_u | 0.915 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 14.2 |
| Mass bearing | 0.42 kg |