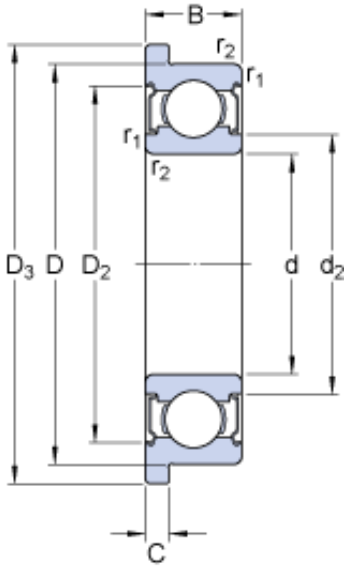




Air Suspension Bearing Co., Ltd



W 623 R-2Z Bearing 2D drawings and 3D CAD models

3 mm x 10 mm x 4 mm SKF W 623 R-2Z deep groove ball bearings

Bearing No. W 623 R-2Z

| | |
|---|--------------------------|
| Size | 10x3x4 mm |
| Bore Diameter | 10 mm |
| Outer Diameter | 3 mm |
| Width | 4 mm |
| d | 3 mm |
| D | 10 mm |
| B | 4 mm |
| d ₂ | 4.35 mm |
| D ₂ | 7.98 mm |
| D ₃ | 11.5 mm |
| C | 1 mm |
| r _{1,2} - min. | 0.15 mm |
| d _a - min. | 4.4 mm |
| r _a - max. | 0.15 mm |
| Basic dynamic load rating - C | 0.358 kN |
| Basic static load rating - C ₀ | 0.11 kN |
| Fatigue load limit - P _u | 0.005 kN |
| Reference speed | 140000 r/min |
| Limiting speed | 70000 r/min |
| Calculation factor - k _r | 0.03 |
| Calculation factor - f ₀ | 6.3 |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |



Air Suspension Bearing Co., Ltd

| | |
|---------------------------------|--|
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0 |
| 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 | Stainless Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 3MM Bore; 10MM Outside Diameter; 4MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainl |
| Other Features | Deep Groove |
| 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 | W 623 R-2Z |
| Weight / LBS | 0.009 |
| Outside Diameter | 0.394 Inch 10 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Bore | 0.118 Inch 3 Millimeter |
| Outer Race Width | 0.157 Inch 4 Millimeter |
| | |



Air Suspension Bearing Co., Ltd

| | |
|--------------------------------|-----------|
| d_2 | 4.35 mm |
| D_2 | 7.98 mm |
| D_3 | 11.5 mm |
| $r_{1,2}$ min. | 0.15 mm |
| d_a min. | 3.9 mm |
| d_a max. | 4.3 mm |
| r_a max. | 0.15 mm |
| Basic dynamic load rating C | 0.358 kN |
| Basic static load rating C_0 | 0.11 kN |
| Fatigue load limit P_u | 0.005 kN |
| Calculation factor k_r | 0.03 |
| Calculation factor f_0 | 6.3 |
| Mass bearing | 0.0017 kg |