



29338 E Bearing 2D drawings and 3D CAD models

190 mm x 320 mm x 49 mm skf 29338 E Spherical roller thrust bearings

Bearing No. 29338 E

| | |
|---|---------------|
| Size | 320x190x78 mm |
| Bore Diameter | 320 mm |
| Outer Diameter | 190 mm |
| Width | 78 mm |
| d | 190 mm |
| D | 320 mm |
| H | 78 mm |
| d ₁ | 285 mm |
| D ₁ | 244 mm |
| B | 49 mm |
| B ₁ | 71.3 mm |
| C | 36 mm |
| s | 110 mm |
| r _{1,2} - min. | 4 mm |
| d _a - min. | 250 mm |
| d _{b1} - max. | 200 mm |
| d _{b2} - max. | 211 mm |
| D _a - max. | 280 mm |
| r _a - max. | 3 mm |
| Basic dynamic load rating - C | 1630 kN |
| Basic static load rating - C ₀ | 4750 kN |
| Fatigue load limit - P _u | 490 kN |
| Reference speed | 1100 r/min |
| Limiting speed | 1900 r/min |



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| Factor min. axial load - A | 2.1 |
| Category | Thrust Roller Bearing |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 23.52 |
| EAN | 7316576608414 |
| Product Group | B04311 |
| Rolling Element | Spherical Roller Bearing |
| Self Aligning | Yes |
| Component Description | Roller Assembly plus Raceways |
| Thrust Bearing | Yes |
| Single or Double Direction | Single Direction |
| Banded | No |
| Cage Material | Steel |
| Precision Class | ABEC 1 ISO P0 |
| Other Features | Single Row Window Type Cage |
| Long Description | 190MM Bore 1; 243.5MM Bore 2; 320MM Outside Diameter; 78MM Height; Spherical Roller Bearing; Single Direction; Self Aligning; Not Banded; Steel Cage; ABEC 1 ISO P0; Roller Assembly plus Raceways |
| Inch - Metric | Metric |
| Category | Thrust Roller Bearings |
| UNSPSC | 31171507 |
| Harmonized Tariff Code | 8482.30.00.40 |
| Noun | Bearing |
| Keyword 3 | Spherical |
| Keyword String | Thrust Roller Spherical |
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| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 29338 E |
| Weight / LBS | 51.809 |
| Bore 1 | 7.48 Inch 190 Millimeter |
| Bore 2 | 9.587 Inch 243.5 Millimeter |
| Overall Height with Aligning Washer | 0 Inch 0 Millimeter |
| Height | 3.071 Inch 78 Millimeter |
| Outside Diameter | 12.598 Inch 320 Millimeter |
| bore diameter: | 190 mm |
| operating temperature range: | Maximum of +392 ° F |
| outside diameter: | 320 mm |
| maximum rpm: | 1900 RPM |
| overall width: | 78 mm |
| separable type: | Non-Separable |
| cage material: | Steel |
| fillet radius: | 3 mm |
| static load capacity: | 4750 kN |
| series: | 293 |
| dynamic load capacity: | 1630 kN |
| d_1 | 285 mm |
| D_1 | 244 mm |
| B_1 | 71.3 mm |
| $r_{1,2}$ min. | 4 mm |
| d_a min. | 250 mm |
| d_{b1} max. | 200 mm |
| d_{b2} max. | 211 mm |
| D_a max. | 280 mm |
| r_a max. | 3 mm |
| Basic dynamic load rating C | 1630 kN |
| Basic static load rating C_0 | 4750 kN |
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| Fatigue load limit P_u | 490 kN |
| Minimum axial load factor A | 2.1 |
| Mass bearing | 23.5 kg |