

32034 X

Popular item SKF Explorer

Tapered roller bearings, single row

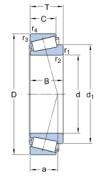
Bearing data

Tolerances, Normal and CL7C, CLN, Normal and CL, deviating width Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

Dimension series

Technical specification

4EC



DIMENSIONS

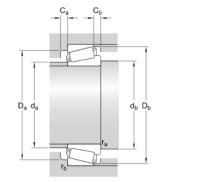
| d | 170 mm |
|------------------|-------------|
| D | 260 mm |
| Т | 57 mm |
| d ₁ | ≈ 216 mm |
| В | 57 mm |
| С | 43 mm |
| r _{1,2} | min. 3 mm |
| r _{3,4} | min. 2.5 mm |
| a | 55.656 mm |

ABUTMENT DIMENSIONS

| d _a | max. 188 mm |
|----------------|-------------|
| d _b | min. 185 mm |
| D _a | min. 230 mm |
| D _a | max. 247 mm |







| D _b | min. 249 mm |
|----------------|-------------|
| C _a | min. 10 mm |
| C _b | min. 14 mm |
| r _a | max. 3 mm |
| r _b | max. 2.5 mm |

CALCULATION DATA

| Basic dynamic load rating | С | 625 kN |
|---------------------------|----------------|------------|
| Basic static load rating | C ₀ | 915 kN |
| Fatigue load limit | P _u | 88 kN |
| Reference speed | | 1900 r/min |
| Limiting speed | | 2200 r/min |
| Calculation factor | е | 0.44 |
| Calculation factor | Υ | 1.35 |
| Calculation factor | Y ₀ | 0.8 |

MASS

| Mass bearing | 10.6 kg |
|--------------|---------|
|--------------|---------|





More information

| Product details | Product details | Engineering i | nforn Eanlajonneering ir | formatidan | Tools |
|---|---|--|--|--|--|
| Designs and variants Bearing data Loads Tempera ture limits Permissi ble speed Design c onsiderati ons Bearing designati ons Designati on system | Designs and variants Bearing data Loads Tempera ture limits Permissi ble speed Design c onsiderati ons Bearing designati ons Designati on system | Principles of rolling bearing selection General bearing k nowledge Bearing selection process Bearing failure and how to prevent it | Principles of rolling bearing selection General bearing k nowledge Bearing selection process Bearing failure and how to prevent it | SimPro Quick Bearing Select Engineer ing Calcul ator LubeSele ct for SKF greases Heater Selection Tool Oil Injection Method Program skf.com/ mount | SimPro Quick Bearing Select Engineer ing Calcul ator LubeSele ct for SKF greases Heater Selection Tool Oil Injection Method Program skf.com/ mount |



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