

NJ 2210 ECML

SKF Explorer

Cylindrical roller bearings, single row

Bearing data

Tolerances,

Normal (metric), P6, Normal (inch),

Radial internal clearance,

cylindrical bore, tapered bore,

Axial internal clearance,

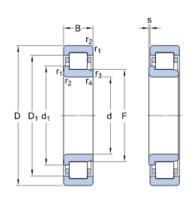
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

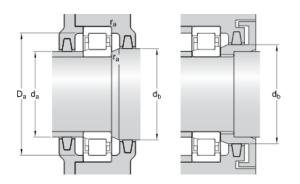


DIMENSIONS

| d | 50 mm |
|------------------|-------------|
| D | 90 mm |
| В | 23 mm |
| d_1 | ≈ 64 mm |
| D_1 | ≈ 77.95 mm |
| F | 59.5 mm |
| r _{1,2} | min. 1.1 mm |
| r _{3,4} | min. 1.1 mm |
| S | max. 1.5 mm |

ABUTMENT DIMENSIONS

| d_a | min. 57 mm |
|----------------|--------------|
| d_a | max. 57.5 mm |
| d_b | min. 66 mm |
| D_a | max. 82.4 mm |
| r _a | max. 1 mm |





CALCULATION DATA

| Basic dynamic load rating | С | 90 kN |
|---------------------------|----------------|-------------|
| Basic static load rating | C_0 | 88 kN |
| Fatigue load limit | P_{u} | 11.4 kN |
| Reference speed | | 8500 r/min |
| Limiting speed | | 14000 r/min |
| Calculation factor | k _r | 0.3 |
| Limiting value | е | 0.3 |
| Axial load factor | Υ | 0.4 |

MASS

| Mass bearing | 0.65 kg |
|--------------|---------|
|--------------|---------|

5KF.



More information

| Product details | Product details | Engineering in | fornEantojomeering in | | Tools |
|---|---|--|---|--|--|
| Designs and variants Bearing data Loads | Designs and variants Bearing data Loads | Principles of rolling bearing -selection General bearing k | Principles of rolling bearing -selection General bearing k | SimPro Quick Bearing Select Engineer ing Calcul | SimPro Quick Bearing Select Engineer ing Calcul |
| Tempera ture limits Permissi ble speed Design c onsiderati ons Designati on system | Tempera ture limits Permissi ble speed Design c onsiderati ons Designati on system | Bearing selection process Bearing failure and how to prevent it | Bearing selection process Bearing failure and how to prevent it | LubeSele ct for SKF greases Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i nstructio ns | ator LubeSele ct for SKF greases Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting instructions |

5KF.



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