

L 476549/510

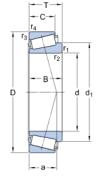
Tapered roller bearings, single row

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

Technical specification

Dimension series

L 476500



DIMENSIONS

| d | 549.275 mm |
|------------------|-------------|
| D | 692.15 mm |
| Т | 80.963 mm |
| d ₁ | ≈ 615.5 mm |
| В | 80.963 mm |
| С | 61.913 mm |
| r _{1,2} | min. 6.4 mm |
| r _{3,4} | min. 6.4 mm |
| a | 113 mm |

ABUTMENT DIMENSIONS

| d _a | max. 583 mm |
|----------------|-------------|
| d _b | min. 581 mm |
| D _a | min. 646 mm |
| D _a | max. 660 mm |



min. 667 mm

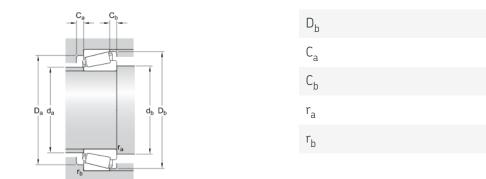
min. 8 mm

min. 19 mm

max. 6 mm

max. 6 mm





CALCULATION DATA

| Basic dynamic load rating | С | 1340 kN |
|---------------------------|----------------|-----------|
| Basic static load rating | C ₀ | 3450 kN |
| Fatigue load limit | P _u | 250 kN |
| Reference speed | | 530 r/min |
| Limiting speed | | 700 r/min |
| Calculation factor | е | 0.37 |
| Calculation factor | Y | 1.6 |
| Calculation factor | Y ₀ | 0.9 |

MASS

| Mass bearing | 67 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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