



NUTR 1747 X

Support rollers, with flange rings, with an inner ring

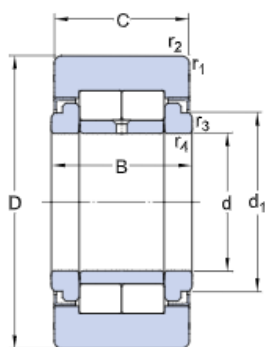
Bearing data

[Tolerances,](#)
Normal, Other,
[Radial internal clearance,](#)
table

Bearing interfaces

[Seat tolerances for standard conditions,](#)
[Tolerances and resultant fit](#)

Technical specification



DIMENSIONS

| | |
|------------------|-------------|
| D | 47 mm |
| d | 17 mm |
| C | 20 mm |
| B | 21 mm |
| d ₁ | 22 mm |
| r _{1,2} | min. 1 mm |
| r _{3,4} | min. 0.5 mm |

CALCULATION DATA

| | | |
|------------------------------|-----------------|-------------|
| Basic dynamic load rating | C | 22 kN |
| Basic static load rating | C ₀ | 27 kN |
| Fatigue load limit | P _u | 3.05 kN |
| Maximum dynamic radial loads | F _r | max. 30 kN |
| Maximum static radial loads | F _{0r} | max. 43 kN |
| Limiting speed | | 4 500 r/min |

MASS

Mass support roller

0.22 kg

More information

Product details

[Designs and variants](#)[Lubrication](#)[Support roller data](#)[Loads](#)[Temperature limits](#)[Speed limits](#)[Design considerations](#)[Mounting](#)[Designation system](#)

Engineering information

[Principles of rolling bearing selection](#)[General bearing knowledge](#)[Bearing selection process](#)[Bearing interfaces](#)[Lubrication](#)[External sealing, mounting and dismounting](#)[Bearing failure and how to prevent it](#)

Tools

[Bearing Select](#)[Engineering Calculator](#)[SimPro Quick](#)[LubeSelect for SKF greases](#)[Heater selection tool](#)

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