



## NATV 5

Support rollers, with flange rings, with an inner ring

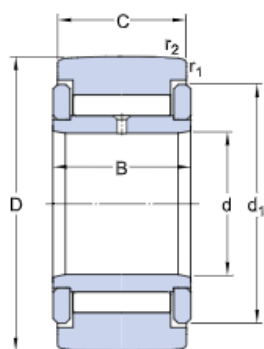
### Bearing data

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

### Bearing interfaces

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

## Technical specification



### DIMENSIONS

|                  |              |
|------------------|--------------|
| D                | 16 mm        |
| d                | 5 mm         |
| C                | 11 mm        |
| B                | 12 mm        |
| d <sub>1</sub>   | 12.5 mm      |
| r <sub>1,2</sub> | min. 0.15 mm |

## CALCULATION DATA

|                              |                 |              |
|------------------------------|-----------------|--------------|
| Basic dynamic load rating    | C               | 4.73 kN      |
| Basic static load rating     | C <sub>0</sub>  | 6.55 kN      |
| Fatigue load limit           | P <sub>u</sub>  | 0.72 kN      |
| Maximum dynamic radial loads | F <sub>r</sub>  | max. 4.05 kN |
| Maximum static radial loads  | F <sub>0r</sub> | max. 5.7 kN  |
| Limiting speed               |                 | 4 300 r/min  |

## MASS

Mass support roller

0.015 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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