



## PWTR 40.2RS

Popular item

Support rollers, with flange rings, with an inner ring

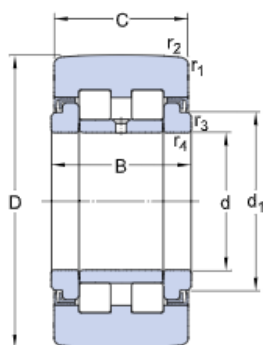
Bearing data

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

Bearing interfaces

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

## Technical specification



### DIMENSIONS

D	80 mm
d	40 mm
C	30 mm
B	32 mm
d <sub>1</sub>	50.5 mm
r <sub>1,2</sub>	min. 1.1 mm
r <sub>3,4</sub>	min. 0.6 mm

### CALCULATION DATA

Basic dynamic load rating	C	41.8 kN
Basic static load rating	C <sub>0</sub>	49 kN
Fatigue load limit	P <sub>u</sub>	6 kN
Maximum dynamic radial loads	F <sub>r</sub>	max. 33.5 kN
Maximum static radial loads	F <sub>0r</sub>	max. 48 kN
Limiting speed		1 800 r/min

### MASS

Mass support roller

0.82 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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