

PWTR 1542.2RS

Support rollers, with flange rings, with an inner ring

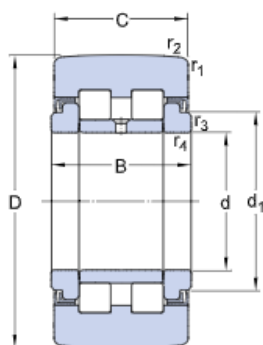
Bearing data

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

Bearing interfaces

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

Technical specification



DIMENSIONS

D	42 mm
d	15 mm
C	18 mm
B	19 mm
d ₁	20 mm
r _{1,2}	min. 0.6 mm
r _{3,4}	min. 0.3 mm

CALCULATION DATA

Basic dynamic load rating	C	14.2 kN
Basic static load rating	C ₀	15 kN
Fatigue load limit	P _u	1.6 kN
Maximum dynamic radial loads	F _r	max. 22 kN
Maximum static radial loads	F _{0r}	max. 31.5 kN
Limiting speed		5 000 r/min

MASS

Mass support roller

0.16 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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