

BT4-0021 G/HA1

Tapered roller bearings, four-row, TQO design

Bearing data

[Tolerances,](#)
metric bearings, inch bearings,
[Internal clearance](#)

Bearing interfaces

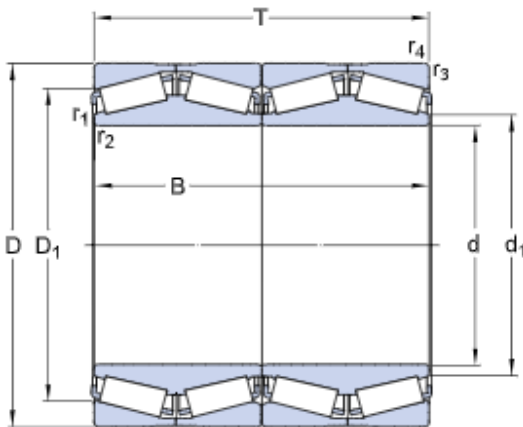
[Seat tolerances for standard conditions,](#)
[Tolerances and resultant fit](#)

Technical specification

DESIGN

Design variant/feature

TQO/WI



DIMENSIONS

d	206.375 mm
D	282.575 mm
B	190.5 mm
T	190.5 mm
d ₁	≈ 221 mm
D ₁	≈ 248 mm
r _{1,2}	min. 0.8 mm
r _{3,4}	min. 3.3 mm

CALCULATION DATA

Basic dynamic load rating	C	1 400 kN
Basic static load rating	C ₀	3 350 kN
Fatigue load limit	P _u	305 kN
Comparative radial load rating	C _F	340 kN

Comparative axial load rating	C_{Fa}	85.2 kN
Thrust factor	K	1.15
Calculation factor	e	0.5
Calculation factor	Y_1	1.35
Calculation factor	Y_2	2
Calculation factor	Y_0	1.3

MASS

Mass bearing	35.8 kg
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More information

<p>Product details</p> <ul style="list-style-type: none"> Designs and variants Bearing data Loads Temperature limits Design considerations Mounting Designation system 	<p>Engineering information</p> <ul style="list-style-type: none"> Principles of rolling bearing selection General bearing knowledge Bearing selection process Bearing failure and how to prevent it 	<p>Tools</p> <ul style="list-style-type: none"> SimPro Quick Bearing Select Engineering Calculator LubeSelect for SKF greases Heater Selection Tool Oil Injection Method Program
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