

# Toyana 4204-2RS deep groove ball bearings

How do I 90 Outer Diameter (mm) place an EMERGENCY order for a Toyana 4204-2RS deep groove ball bearings that I 125 Bore Diameter (mm) want to 125x90x18 Size (mm) pick up at a our store?

Size (mm)	125x90x18
Bore Diameter (mm)	125
Outer Diameter (mm)	90
Width (mm)	18
d	90 mm
D	125 mm
B	18 mm
d1	103 mm
d2	101.4 mm
D2	115 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	27.5 mm
da – min.	96 mm
da – max.	102.3 mm
db – min.	96 mm
db – max.	100.7 mm
Da – max.	119 mm
Db – max.	121.8 mm
ra – max.	1 mm
rb – max.	0.6 mm

Basic dynamic load rating – C	17.8 kN
Basic static load rating – C0	17.6 kN
Fatigue load limit – Pu	0.72 kN
Limiting speed for grease lubrication	16000 r/min
Ball – Dw	7.144 mm
Ball – z	36
Calculation factor – f0	10
Preload class A – GA	59 N
Preload class B – GB	120 N
Preload class C – GC	355 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.08
Calculation factor – fHC	1.01
Preload class A	59 N/micron
Preload class B	78 N/micron
Preload class C	124 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	96 mm
da max.	102.3 mm
db min.	96 mm
db max.	100.7 mm
Da max.	119 mm
Db max.	121.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	23.8 kN

Basic static load rating $C_0$	28.5 kN
Fatigue load limit $P_u$	0.72 kN
Attainable speed for grease lubrication	16000 r/min
Ball diameter $D_w$	7.144 mm
Number of balls $z$	36
Preload class A GA	59 N
Static axial stiffness, preload class A	59 N/ $\mu\text{m}$
Preload class B GB	120 N
Static axial stiffness, preload class B	78 N/ $\mu\text{m}$
Preload class C GC	355 N
Static axial stiffness, preload class C	124 N/ $\mu\text{m}$
Calculation factor $f$	1.12
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.03
Calculation factor $f_{2C}$	1.08
Calculation factor $f_{HC}$	1.01
Calculation factor $f_0$	10
Mass bearing	0.58 kg