SNR UK205 deep groove ball bearings

SNR UK205 deep groove ball bearings 60 Bore Diameter (mm) with easy-to-use parts graphics, giving you the ability to 60x95x18 Size (mm) check parts availability, pricing, examine remanufactured options.

Size (mm)	60x95x18
Bore Diameter (mm)	60
Outer Diameter (mm)	95
Width (mm)	18
d	60 mm
D	95 mm
B	18 mm
d1	72.74 mm
d2	70.6 mm
D1	82.22 mm
b	1.6 mm
C1	5.65 mm
C2	3.4 mm
C3	3.4 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	27.3 mm
da – min.	66 mm
db – min.	66 mm
Da – max.	89 mm
Db – max.	90.8 mm

ra – max.	1 mm
rb – max.	0.6 mm
dn	74.6 mm
Basic dynamic load rating – C	16.3 kN
Basic static load rating – C0	12.2 kN
Fatigue load limit – Pu	0.52 kN
Limiting speed for grease lubrication	22000 r/min
Limiting speed for oil lubrication	33000 mm/min
Ball – Dw	7.938 mm
Ball – z	25
Gref	5.3 cm3
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	150 N
Preload class B – GB	440 N
Preload class C – GC	870 N
Calculation factor – f	1.08
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.06
Calculation factor – fHC	1.01
Preload class A	135 N/micron
Preload class B	200 N/micron
Preload class C	260 N/micron
r1,2 min.	1.1 mm

r3,4 min.	0.6 mm
da min.	66 mm
db min.	66 mm
Da max.	89 mm
Db max.	90.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	16.3 kN
Basic static load rating C0	12.2 kN
Fatigue load limit Pu	0.52 kN
Attainable speed for grease lubrication	22000 r/min
Attainable speed for oil-air lubrication	33000 r/min
Ball diameter Dw	7.938 mm
Number of balls z	25
Reference grease quantity Gref	5.3 cm^3
Preload class A GA	150 N
Static axial stiffness, preload class A	135 N/µm
Preload class B GB	440 N
Static axial stiffness, preload class B	200 N/µm
Preload class C GC	870 N
Static axial stiffness, preload class C	260 N/µm
Calculation factor f	1.08
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.03
Calculation factor f2C	1.06
Calculation factor fHC	1.01
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87

Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92
Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.39 kg