KOYO SB1240 deep groove ball bearings

Can’t find what you’re 25 Outer Diameter (mm) looking for KOYO SB1240 deep groove ball bearings ? Our 47 Bore Diameter (mm) expert 47x25x12 Size (mm) Representatives be in contact with you shortly!

Size (mm)	47x25x12
Bore Diameter (mm)	47
Outer Diameter (mm)	25
Width (mm)	12
d	25 mm
D	47 mm
B	12 mm
d1	32.1 mm
d2	32.1 mm
D1	39.9 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	14.5 mm
da – min.	28.2 mm
db – min.	28.2 mm
Da – max.	43.8 mm
Db – max.	45 mm
ra – max.	0.6 mm
rb – max.	0.3 mm
dn	33.4 mm
Basic dynamic load rating – C	9.2 kN

Basic static load rating – C0	5 kN
Fatigue load limit – Pu	0.212 kN
Limiting speed for grease lubrication	40000 r/min
Limiting speed for oil lubrication	60000 mm/min
Ball – Dw	6.35 mm
Ball – z	14
Gref	1.02 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	60 N
Preload class B – GB	120 N
Preload class C – GC	240 N
Preload class D – GD	480 N
Calculation factor – f	1.05
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – f2D	1.08
Calculation factor – fHC	1.02
Preload class A	71 N/micron
Preload class B	92 N/micron
Preload class C	119 N/micron
Preload class D	159 N/micron
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm

da min.	28.2 mm
db min.	28.2 mm
Da max.	43.8 mm
Db max.	45 mm
ra max.	0.6 mm
rb max.	0.3 mm
Basic dynamic load rating C	9.23 kN
Basic static load rating C0	5 kN
Fatigue load limit Pu	0.212 kN
Attainable speed for grease lubrication	40000 r/min
Attainable speed for oil-air lubrication	60000 r/min
Ball diameter Dw	6.35 mm
Number of balls z	14
Reference grease quantity Gref	1.02 cm^3
Preload class A GA	60 N
Static axial stiffness, preload class A	71 N/µm
Preload class B GB	120 N
Static axial stiffness, preload class B	92 N/µm
Preload class C GC	240 N
Static axial stiffness, preload class C	119 N/µm
Preload class D GD	480 N
Static axial stiffness, preload class D	159 N/µm
Calculation factor f	1.05
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
Calculation factor f2D	1.08
Calculation factor fHC	1.02

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	0.07 kg