FAG 3813-B-2RSR-TVH angular contact ball bearings

YOU’LL FIND AN EXTENSIVE SELECTION 35x17x10 Size (mm) OF FAG 3813-B-2RSR-TVH angular contact ball bearings 17 Outer Diameter (mm) FOR SALE.

Size (mm)	35x17x10
Bore Diameter (mm)	35
Outer Diameter (mm)	17
Width (mm)	10
d	17 mm
D	35 mm
B	10 mm
d1	22.6 mm
d2	22.6 mm
D2	32.4 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.2 mm
a	11.2 mm
da – min.	19 mm
da – max.	22.2 mm
db – min.	19 mm
db – max.	22.2 mm
Da – max.	33 mm
Db – max.	33.6 mm
ra – max.	0.3 mm
rb – max.	0.2 mm
Basic dynamic load rating – C	6.5 kN

Basic static load rating – C0	3.1 kN
Fatigue load limit – Pu	0.132 kN
Limiting speed for grease lubrication	56000 r/min
Ball – Dw	5.556 mm
Ball – z	12
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	40 N
Preload class B – GB	80 N
Preload class C – GC	160 N
Preload class D – GD	320 N
Calculation factor – f	1.04
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	53 N/micron
Preload class B	69 N/micron
Preload class C	90 N/micron
Preload class D	118 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.2 mm
da min.	19 mm
da max.	22.2 mm

db min.	19 mm
db max.	22.2 mm
Da max.	33 mm
Db max.	33.6 mm
ra max.	0.3 mm
rb max.	0.2 mm
Basic dynamic load rating C	6.5 kN
Basic static load rating C0	3.1 kN
Fatigue load limit Pu	0.132 kN
Attainable speed for grease lubrication	56000 r/min
Ball diameter Dw	5.556 mm
Number of balls z	12
Preload class A GA	40 N
Static axial stiffness, preload class A	53 N/µm
Preload class B GB	80 N
Static axial stiffness, preload class B	69 N/µm
Preload class C GC	160 N
Static axial stiffness, preload class C	90 N/µm
Preload class D GD	320 N
Static axial stiffness, preload class D	118 N/µm
Calculation factor f	1.04
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	0.033 kg