

SKF 22315 EKJA/VA405 spherical roller bearings

Welcome to the SKF 22315 EKJA/VA405 spherical roller bearings online 180 Bore Diameter (mm) seller. 180x120x28 Size (mm)

Size (mm)	180x120x28
Bore Diameter (mm)	180
Outer Diameter (mm)	120
Width (mm)	28
d	120 mm
D	180 mm
B	28 mm
d1	143.2 mm
d2	140.8 mm
D2	161.9 mm
r1,2 – min.	2 mm
r3,4 – min.	1 mm
a	49.2 mm
da – min.	129 mm
da – max.	142.4 mm
db – min.	129 mm
db – max.	140 mm
Da – max.	171 mm
Db – max.	175.4 mm
ra – max.	2 mm
rb – max.	1 mm
Basic dynamic load rating – C	35.8 kN
Basic static load rating – C0	36.5 kN

Fatigue load limit – Pu	1.3 kN
Limiting speed for grease lubrication	10000 r/min
Ball – Dw	11.112 mm
Ball – z	33
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	220 N
Preload class B – GB	440 N
Preload class C – GC	1320 N
Calculation factor – f	1.08
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – fHC	1.01
Preload class A	220 N/micron
Preload class B	283 N/micron
Preload class C	424 N/micron
r1,2 min.	2 mm
r3,4 min.	1 mm
da min.	129 mm
da max.	142.4 mm
db min.	129 mm
db max.	140 mm
Da max.	171 mm
Db max.	175.4 mm

ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	47.5 kN
Basic static load rating C0	58.5 kN
Fatigue load limit Pu	1.27 kN
Attainable speed for grease lubrication	10000 r/min
Ball diameter Dw	11.112 mm
Number of balls z	33
Preload class A GA	220 N
Static axial stiffness, preload class A	220 N/ μ m
Preload class B GB	440 N
Static axial stiffness, preload class B	283 N/ μ m
Preload class C GC	1320 N
Static axial stiffness, preload class C	424 N/ μ m
Calculation factor f	1.08
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
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	2.24 kg