

# SKF 1216 K self aligning ball bearings

Various 190x90x43 Size (mm) 190 Bore Diameter (mm) types and sizes to accommodate your SKF 1216 K self aligning ball bearings requirements.

Size (mm)	190x90x43
Bore Diameter (mm)	190
Outer Diameter (mm)	90
Width (mm)	43
d	90 mm
D	190 mm
B	43 mm
d1	129.2 mm
d2	108.97 mm
D1	153.1 mm
a	80 mm
r1,2 – min.	3 mm
r3,4 – min.	1.1 mm
da – min.	104 mm
Da – max.	176 mm
Db – max.	183 mm
ra – max.	2.5 mm
rb – max.	1 mm
Basic dynamic load rating – C	166 kN
Basic static load rating – C0	146 kN
Fatigue load limit – Pu	5.3 kN
Reference speed	4500 r/min

Limiting speed	4500 r/min
Calculation factor – kr	0.1
Calculation factor – ka	1.6
Calculation factor – e	1.14
Calculation factor – X	0.35
Calculation factor – Y0	0.26
Calculation factor – Y1	0.55
Calculation factor – Y2	0.57
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.634
EAN	7316577151186
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch – Metric	Metric

Long Description	90MM Bore; 190MM Outside Diameter; 43MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of B
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer Item Number	7318 BEGAM
Width	1.693 Inch   43 Millimeter
Bore	3.543 Inch   90 Millimeter
Outside Diameter	7.48 Inch   190 Millimeter
bore diameter:	90 mm
cage material:	Brass
outside diameter:	190 mm
outer ring width:	43 mm
overall width:	43 mm
finish/coating:	Uncoated
contact angle:	40 °
precision rating:	ABEC 3 (ISO Class 6)
row type & fill slot:	Single-Row Non-Fill Slot
fillet radius:	2.5 mm
internal clearance:	C0
series:	73
closure type:	Open
d1 ≈	129.2 mm
d2 ≈	108.97 mm
D1 ≈	153.1 mm
r1,2 min.	3 mm
r3,4 min.	1.1 mm

da min.	104 mm
Da max.	176 mm
Db max.	183 mm
ra max.	2.5 mm
rb max.	1 mm
Basic dynamic load rating C	166 kN
Basic static load rating C0	146 kN
Fatigue load limit Pu	5.3 kN
Calculation factor A	0.333
Calculation factor kr	0.1
Calculation factor e	1.14
Calculation factor X	0.57
Calculation factor Y0	0.52
Calculation factor Y2	0.93
Calculation factor Y1	0.55
Mass bearing	5.2 kg