

# ISO 7010 ADF angular contact ball bearings

170 Million 210x140x33 Size (mm) used ISO 7010 ADF angular contact ball bearings instantly searchable. Shop our 210 Bore Diameter (mm) large selection of parts based on brand, price, 140 Outer Diameter (mm) description, and location. Order the with stock ...

Size (mm)	210x140x33
Bore Diameter (mm)	210
Outer Diameter (mm)	140
Width (mm)	33
d	140 mm
D	210 mm
B	33 mm
d1	167.4 mm
d2	154.95 mm
D1	184.35 mm
a	90 mm
r1,2 – min.	2 mm
r3,4 – min.	1 mm
da – min.	150 mm
Da – max.	200 mm
Db – max.	204 mm
ra – max.	2 mm
rb – max.	1 mm
Basic dynamic load rating – C	114 kN
Basic static load rating – C0	129 kN

Fatigue load limit – Pu	4.2 kN
Reference speed	3200 r/min
Limiting speed	3400 r/min
Calculation factor – kr	0.083
Calculation factor – ka	0.9
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	3.753
EAN	7316577079534
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)
Mounting Arrangement	Universal
Inch – Metric	Metric

Long Description	140MM Bore; 210MM Outside Diameter; 33MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer Item Number	7028 BGM
Bore	5.512 Inch   140 Millimeter
Width	1.299 Inch   33 Millimeter
Outside Diameter	8.268 Inch   210 Millimeter
bore diameter:	140 mm
radial static load capacity:	129 kN
outside diameter:	210 mm
cage material:	Brass
overall width:	33 mm
outer ring width:	33 mm
contact angle:	40 °
maximum rpm:	3400 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 1 (ISO Class Normal)
closure type:	Open
fillet radius:	2 mm
radial dynamic load capacity:	114 kN
series:	70
d1 ≈	167.4 mm
d2 ≈	154.95 mm

D1 ≈	184.35 mm
r1,2 min.	2 mm
r3,4 min.	1 mm
da min.	150 mm
Da max.	200 mm
Db max.	204 mm
ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	114 kN
Basic static load rating C0	129 kN
Fatigue load limit Pu	4.15 kN
Calculation factor A	0.263
Calculation factor kr	0.083
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	3.85 kg