

# ILJIN IJ112007 angular contact ball bearings

We work closely with our ILJIN IJ112007 angular contact ball bearings 200x110x53 Size (mm) manufacturing partners to bring the best value to customers.

Size (mm)	200x110x53
Bore Diameter (mm)	200
Outer Diameter (mm)	110
Width (mm)	53
d	110 mm
D	200 mm
B	53 mm
D1	173.3 mm
F	132.5 mm
r1,2 – min.	2.1 mm
r3,4 – min.	2.1 mm
s	3.7 mm
da – min.	122 mm
da – max.	129 mm
db – min.	135 mm
Da – max.	187 mm
ra – max.	2 mm
rb – max.	2 mm
Basic dynamic load rating – C	440 kN
Basic static load rating – C0	520 kN
Fatigue load limit – Pu	61 kN
Reference speed	3600 r/min

Limiting speed	6000 r/min
Calculation factor – kr	0.3
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.496
EAN	7316577030504
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring – Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch – Metric	Metric
Other Features	High Capacity   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	110MM Bore; Straight Bore Profile; 200MM Outside Diameter; 53MM Width; Brass Cage Material; RBEC 1
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00

Noun	Bearing
Manufacturer Item Number	NU 2222 ECML
Weight / LBS	16.51
Bore	4.331 Inch   110 Millimeter
Outside Diameter	7.874 Inch   200 Millimeter
Width	2.087 Inch   53 Millimeter
bore diameter:	110 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	200 mm
maximum rpm:	4000 RPM
overall width:	53 mm
bearing material:	Steel
flanges:	(2) Outer Ring
cage material:	Brass
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	53 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2 mm
dynamic load capacity:	440 kN
series:	NU22
static load capacity:	520 kN
D1 ≈	173.3 mm

r <sub>1,2</sub> min.	2.1 mm
r <sub>3,4</sub> min.	2.1 mm
s max.	3.7 mm
d <sub>a</sub> min.	122 mm
d <sub>a</sub> max.	129 mm
d <sub>b</sub> min.	135 mm
D <sub>a</sub> max.	187 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	2 mm
Basic dynamic load rating C	440 kN
Basic static load rating C <sub>0</sub>	520 kN
Fatigue load limit P <sub>u</sub>	61 kN
Calculation factor k <sub>r</sub>	0.3
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	7.4 kg