

# CYSD 7221DB angular contact ball bearings

CYSD 7221DB angular contact ball bearings with easy-to-use parts graphics, giving 130x60x31 Size (mm) you the ability to check parts availability, 130 Bore Diameter (mm) pricing, examine remanufactured options.

Size (mm)	130x60x31
Bore Diameter (mm)	130
Outer Diameter (mm)	60
Width (mm)	31
d	60 mm
D	130 mm
B	31 mm
d1	84.3 mm
E	115 mm
r1,2 – min.	2.1 mm
r3,4 – min.	2.1 mm
s	2.1 mm
da – min.	72 mm
da – max.	113 mm
Da – min.	118 mm
Da – max.	119 mm
ra – max.	2 mm
rb – max.	2 mm
Basic dynamic load rating – C	173 kN
Basic static load rating – C0	160 kN
Fatigue load limit – Pu	21.2 kN

Reference speed	5600 r/min
Limiting speed	6700 r/min
Calculation factor – kr	0.12
Inventory	3.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.094
EAN	7316576627064
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer 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   2 Rib Inner Ring   Plain Outer Ring   Cage on Inner Ring OD
Long Description	60MM Bore; Straight Bore Profile; 130MM Outside Diameter; 31MM Width; Brass Cage Material; RBEC 1
UNSPSC	31171547

Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	N 312 ECM
Weight / LBS	4.612
Width	1.22 Inch   31 Millimeter
Outside Diameter	5.118 Inch   130 Millimeter
Bore	2.362 Inch   60 Millimeter
bore diameter:	60 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	130 mm
maximum rpm:	6700 RPM
overall width:	31 mm
bearing material:	Steel
flanges:	(2) Inner 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:	31 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2 mm
dynamic load capacity:	173 kN
series:	N3
static load capacity:	160 kN

d1 ≈	84.3 mm
r1,2 min.	2.1 mm
r3,4 min.	2.1 mm
s max.	2.1 mm
da min.	72 mm
da max.	113 mm
Da min.	118 mm
Da max.	119 mm
ra max.	2 mm
rb max.	2 mm
Basic dynamic load rating C	173 kN
Basic static load rating C0	160 kN
Fatigue load limit Pu	21.2 kN
Calculation factor kr	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	2.05 kg