

# SKF 7014 CB/HCP4AL angular contact ball bearings

SKF 7014 CB/HCP4AL angular contact ball bearings, Units and Housings 100 Bore Diameter (mm) CAD models , Manufacturing 100x65x18 Size (mm) Service . Get Your 65 Outer Diameter (mm) Free.

Size (mm)	100x65x18
Bore Diameter (mm)	100
Outer Diameter (mm)	65
Width (mm)	18
d	65 mm
D	100 mm
B	18 mm
D1	86.6 mm
F	74.5 mm
r1,2 – min.	1.1 mm
r3,4 – min.	1 mm
s	2.9 mm
da – min.	69.6 mm
da – max.	72 mm
db – min.	76 mm
Da – max.	94 mm
ra – max.	1 mm
rb – max.	1 mm
Basic dynamic load rating – C	38 kN
Basic static load rating – C0	46.5 kN
Fatigue load limit – Pu	5.5 kN

Reference speed	7500 r/min
Limiting speed	12000 r/min
Calculation factor – kr	0.15
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.553
EAN	7316570788167
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	Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	65MM Bore; Straight Bore Profile; 100MM Outside Diameter; 18MM Width; Brass Cage Matetrial; RBEC 1
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00

Noun	Bearing
Manufacturer Item Number	NU 1013 ML
Weight / LBS	1.217
Bore	2.559 Inch   65 Millimeter
Width	0.709 Inch   18 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
bore diameter:	65 mm
static load capacity:	81.5 kN
outside diameter:	100 mm
precision rating:	RBEC 1 (ISO Class Normal)
overall width:	18 mm
maximum rpm:	7500 RPM
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:	18 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	1 mm
dynamic load capacity:	62.7 kN
series:	NU10
D1 ≈	86.6 mm
r1,2 min.	1.1 mm

r <sub>3,4</sub> min.	1 mm
s max.	2.9 mm
d <sub>a</sub> min.	69.6 mm
d <sub>a</sub> max.	72 mm
d <sub>b</sub> min.	76 mm
D <sub>a</sub> max.	94 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	38 kN
Basic static load rating C <sub>0</sub>	46.5 kN
Fatigue load limit P <sub>u</sub>	5.5 kN
Calculation factor k <sub>r</sub>	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.51 kg