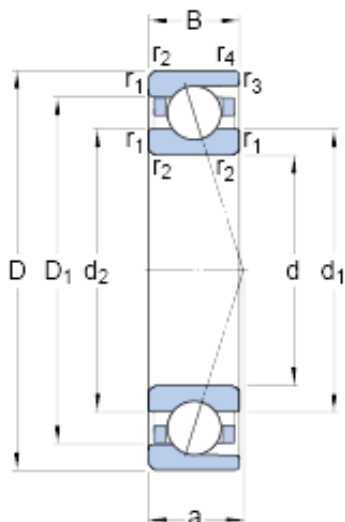




NTN BEARING de Mexico, S.A.



75 mm x 130 mm x 25 mm SKF 7215 CD/P4A Rolamentos de esferas de contacto angular

Bearing No. 7215 CD/P4A

7215 CD/P4A Bearing 2D drawings and 3D CAD models

Size	130x75x25 mm
Bore Diameter	130 mm
Outer Diameter	75 mm
Width	25 mm
d	75 mm
D	130 mm
B	25 mm
d ₁	92.9 mm
d ₂	92.9 mm
D ₁	112.1 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	0.6 mm
a	26.3 mm
d _a - min.	84 mm
d _b - min.	84 mm
D _a - max.	121 mm
D _b - max.	125.8 mm
r _a - max.	1.5 mm
r _b - max.	0.6 mm
d _n	96.6 mm
Basic dynamic load rating - C	71.5 kN
Basic static load rating - C ₀	62 kN
Fatigue load limit - P _u	2.6 kN
Limiting speed for grease	10000 r/min



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Lubrication	
Limiting speed for oil lubrication	17000 mm/min
Ball - D_w	15.875 mm
Ball - z	17
G_{ref}	14.895 cm ³
Calculation factor - f_0	15
Preload class A - G_A	270 N
Preload class B - G_B	540 N
Preload class C - G_C	1080 N
Preload class D - G_D	2160 N
Calculation factor - f	1.08
Calculation factor - f	1
Calculation factor - f_{2A}	1
Calculation factor - f_{2B}	1.01
Calculation factor - f_{2C}	1.03
Calculation factor - f_{2D}	1.05
Calculation factor - f_{HC}	1
Preload class A	87 N/micron
Preload class B	118 N/micron
Preload class C	165 N/micron
Preload class D	237 N/micron
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.241
EAN	7316570311440
Product Group	B04270
Enclosure	Open



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Precision Class	ABEC 7 ISO P4
Material - Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	15 Degree
Preload	None
Raceway Style	1 Rib Outer Ring
Cage Material	Phenolic
Rolling Element	Ball Bearing
Flush Ground	No
Inch - Metric	Metric
Other Features	Single Row Angular Contact Super Precision High Capacity
Long Description	75MM Bore; 130MM Outside Diameter; 25MM Width; Open Enclosure; ABEC 7 ISO P4 Precision; Steel Ball Material; 1 (Single) Bearings; 15 Degree Contact Angle; Phenolic Cage Material; 1 Rib Outer Ring Ra
Category	Precision Ball Bearings
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7215 CD/P4A
Weight / LBS	2.734
Width	0.984 Inch 25 Millimeter
Bore	2.953 Inch 75 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
d ₁	92.9 mm
d ₂	92.9 mm



NTN BEARING de Mexico, S.A.

D_1	112.1 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	84 mm
d_b min.	84 mm
D_a max.	121 mm
D_b max.	125.8 mm
r_a max.	1.5 mm
r_b max.	0.6 mm
d_n	96.6 mm
Basic dynamic load rating C	71.5 kN
Basic static load rating C_0	62 kN
Fatigue load limit P_u	2.65 kN
Attainable speed for grease lubrication	10000 r/min
Attainable speed for oil-air lubrication	17000 r/min
Ball diameter D_w	15.875 mm
Number of balls z	17
Reference grease quantity G_{ref}	14.895 cm ³
Preload class A G_A	270 N
Static axial stiffness, preload class A	87 N/ μ m
Preload class B G_B	540 N
Static axial stiffness, preload class B	118 N/ μ m
Preload class C G_C	1080 N
Static axial stiffness, preload class C	165 N/ μ m
Preload class D G_D	2160 N
Static axial stiffness, preload class D	237 N/ μ m
Calculation factor f	1.08



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Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.01
Calculation factor f_{2C}	1.03
Calculation factor f_{2D}	1.05
Calculation factor f_{HC}	1
Calculation factor f_0	15
Mass bearing	1.21 kg