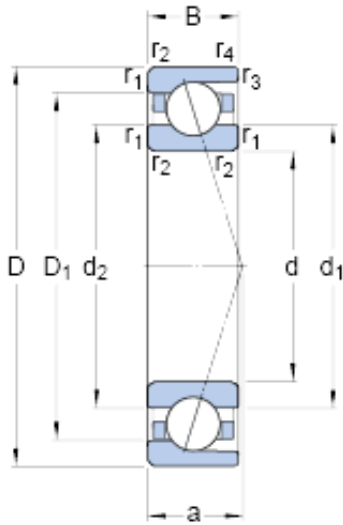




BEARING BOWER CORP.

30 mm x 62 mm x 16 mm SKF 7206 CD/HCP4A angular contact ball bearings

Bearing No. 7206 CD/HCP4A



7206 CD/HCP4A Bearing 2D drawings and 3D CAD models

Size	62x30x16 mm
Bore Diameter	62 mm
Outer Diameter	30 mm
Width	16 mm
d	30 mm
D	62 mm
B	16 mm
d ₁	40.2 mm
d ₂	40.2 mm
D ₁	51.8 mm
r _{1,2} - min.	1 mm
r _{3,4} - min.	0.3 mm
a	14.2 mm
d _a - min.	35.6 mm
d _b - min.	35.6 mm
D _a - max.	56.4 mm
D _b - max.	59.6 mm
r _a - max.	1 mm
r _b - max.	0.3 mm
d _n	42.7 mm
Basic dynamic load rating - C	24.2 kN
Basic static load rating - C ₀	16 kN
Fatigue load limit - P _u	0.67 kN
Limiting speed for grease	32000 r/min



BEARING BOWER CORP.

Lubrication	
Limiting speed for oil lubrication	45000 mm/min
Ball - D_w	9.525 mm
Ball - z	13
G_{ref}	2.769 cm ³
Calculation factor - f_0	14
Preload class A - G_A	90 N
Preload class B - G_B	180 N
Preload class C - G_C	360 N
Preload class D - G_D	720 N
Calculation factor - f	1.05
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}	1.06
Calculation factor - f_{HC}	1.01
Preload class A	48 N/micron
Preload class B	65 N/micron
Preload class C	91 N/micron
Preload class D	131 N/micron
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	7316570823042
Product Group	B04270
Enclosure	Open



BEARING BOWER CORP.

Precision Class	ABEC 7 ISO P4
Material - Ball	Ceramic
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 High Capacity Basic Design
Long Description	30MM Bore; 62MM Outside Diameter; 16MM Width; Open Enclosure; ABEC 7 ISO P4 Precision; Ceramic Ball Material; 1 (Single) Bearing; 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	Ball Angular Contact
Manufacturer URL	http://www.skf.com
Outside Diameter	2.441 Inch 62 Millimeter
Bore	1.181 Inch 30 Millimeter
Width	0.63 Inch 16 Millimeter
d ₁	40.2 mm
d ₂	40.2 mm
D ₁	51.8 mm
r _{1,2} min.	1 mm



BEARING BOWER CORP.

$r_{3,4}$ min.	0.3 mm
d_a min.	35.6 mm
d_b min.	35.6 mm
D_a max.	56.4 mm
D_b max.	59.6 mm
r_a max.	1 mm
r_b max.	0.3 mm
d_n	42.7 mm
Basic dynamic load rating C	24.2 kN
Basic static load rating C_0	16 kN
Fatigue load limit P_u	0.67 kN
Attainable speed for grease lubrication	32000 r/min
Attainable speed for oil-air lubrication	45000 r/min
Ball diameter D_w	9.525 mm
Number of balls z	13
Reference grease quantity G_{ref}	2.769 cm ³
Preload class A G_A	90 N
Static axial stiffness, preload class A	48 N/ μ m
Preload class B G_B	180 N
Static axial stiffness, preload class B	65 N/ μ m
Preload class C G_C	360 N
Static axial stiffness, preload class C	91 N/ μ m
Preload class D G_D	720 N
Static axial stiffness, preload class D	131 N/ μ m
Calculation factor f	1.05
Calculation factor f_1	1
Calculation factor f_{2A}	1



BEARING BOWER CORP.

Calculation factor f_{2B}	1.01
Calculation factor f_{2C}	1.03
Calculation factor f_{2D}	1.06
Calculation factor f_{HC}	1.01
Calculation factor f_0	14
Mass bearing	0.17 kg