



Bearing No. 7206 CD/P4A

a	14.2 mm
d	30 mm
D	62 mm
B	16 mm
Bore	1.181 Inch   30 Millimeter
Noun	Bearing
Width	0.63 Inch   16 Millimeter
UNSPSC	31171531
Preload	None
Ball - z	13
Category	Precision Ball Bearings
Size (mm)	62x30x16
Enclosure	Open
Inventory	0.0
Width (mm)	16
Weight / LBS	0.452
Flush Ground	No
Mass bearing	0.2 kg
d <sub>1</sub>	40.2 mm
d <sub>2</sub>	40.2 mm
D <sub>1</sub>	51.8 mm
Inch - Metric	Metric
Cage Material	Phenolic
Raceway Style	1 Rib Outer Ring
d <sub>n</sub>	42.7 mm
Product Group	B04270
Contact Angle	15 Degree
D <sub>1</sub>	51.8 mm
d <sub>n</sub>	42.7 mm

d <sub>2</sub>	40.2 mm
d <sub>1</sub>	40.2 mm
Bearing number	7206 CD/P4A
Keyword String	Ball Angular Contact
Other Features	Single Row   Angular Contact   Super Precision   High Capacity Basic Design
Preload class B	59 N/micron
Rolling Element	Ball Bearing
Material - Ball	Steel
Precision Class	ABEC 7   ISO P4
G <sub>ref</sub>	2.769 cm <sup>3</sup>
Preload class C	82 N/micron
Preload class D	118 N/micron
Preload class A	43 N/micron
Outside Diameter	2.441 Inch   62 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	30MM Bore; 62MM Outside Diameter; 16MM Width; Open Enclosure; ABEC 7   ISO P4 Precision; Steel Ball Material; 1 (Single) Bearing; 15 Degree Contact Angle; Phenolic Cage Material; 1 Rib Outer Ring Race
Manufacturer Name	SKF
Number of balls z	13
Weight / Kilogram	0.196
d <sub>a</sub> min.	35.6 mm
d <sub>b</sub> min.	35.6 mm
Bore Diameter (mm)	62
Number of Bearings	1 (Single)

$r_b$ max.	0.3 mm
$r_a$ max.	1 mm
$D_a$ max.	56.4 mm
$D_b$ max.	59.6 mm
Outer Diameter (mm)	30
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.3 mm
$d_a$ - min.	35.6 mm
Calculation factor f	1.05
$d_b$ - min.	35.6 mm
Ball - $D_w$	9.525 mm
$D_a$ - max.	56.4 mm
$r_a$ - max.	1 mm
$r_b$ - max.	0.3 mm
$D_b$ - max.	59.6 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ - min.	1 mm
Harmonized Tariff Code	8482.10.50.28
Calculation factor - f	1.05
$r_{3,4}$ - min.	0.3 mm
Manufacturer Item Number	7206 CD/P4A
Basic dynamic load rating C	24.2 kN
Ball diameter $D_w$	9.525 mm
Preload class B $G_B$	180 N
Preload class A $G_A$	90 N
Preload class C $G_C$	360 N
Preload class D $G_D$	720 N
Basic dynamic load rating - C	24.2 kN
Preload class B - $G_B$	180 N
Preload class C - $G_C$	360 N

Preload class A - $G_A$	90 N
Preload class D - $G_D$	720 N
Calculation factor $f_1$	1
Fatigue load limit $P_u$	0.67 kN
Calculation factor $f_0$	14
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
Calculation factor - $f_0$	14
Fatigue load limit - $P_u$	0.67 kN
Limiting speed for oil lubrication	38000 mm/min
Calculation factor - $f_{2B}$	1.01
Calculation factor - $f_{2A}$	1
Calculation factor - $f_{2C}$	1.03
Calculation factor - $f_{2D}$	1.05
Calculation factor - $f_{HC}$	1
Limiting speed for grease lubrication	24000 r/min
Basic static load rating $C_0$	16 kN
Static axial stiffness, preload class A	43 N/ $\mu$ m
Static axial stiffness, preload class B	59 N/ $\mu$ m
Static axial stiffness, preload class C	82 N/ $\mu$ m
Static axial stiffness, preload class D	118 N/ $\mu$ m

Attainable speed for grease lubrication	24000 r/min
Attainable speed for oil-air lubrication	38000 r/min
Basic static load rating - $C_0$	16 kN
Reference grease quantity $G_{ref}$	2.769 cm <sup>3</sup>