

# Loyal 1171200 bearing

We 62x30x16 Size (mm) work closely with our Loyal 1171200 bearing manufacturing 30 Outer Diameter (mm) partners to bring the best value to customers.

Size (mm)	62x30x16
Bore Diameter (mm)	62
Outer Diameter (mm)	30
Width (mm)	16
d	30 mm
D	62 mm
B	16 mm
d1	40.2 mm
d2	40.2 mm
D1	51.8 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	14.2 mm
da – min.	35.6 mm
db – min.	35.6 mm
Da – max.	56.4 mm
Db – max.	59.6 mm
ra – max.	1 mm
rb – max.	0.3 mm
dn	42.7 mm
Basic dynamic load rating – C	24.2 kN
Basic static load rating – C0	16 kN
Fatigue load limit – Pu	0.67 kN

Limiting speed for grease lubrication	24000 r/min
Limiting speed for oil lubrication	38000 mm/min
Ball – Dw	9.525 mm
Ball – z	13
Gref	2.769 cm <sup>3</sup>
Calculation factor – f <sub>0</sub>	14
Preload class A – GA	90 N
Preload class B – GB	180 N
Preload class C – GC	360 N
Preload class D – GD	720 N
Calculation factor – f	1
Calculation factor – f <sub>2A</sub>	1
Calculation factor – f <sub>2B</sub>	1.01
Calculation factor – f <sub>2C</sub>	1.03
Calculation factor – f <sub>2D</sub>	1.05
Calculation factor – f <sub>HC</sub>	1
Preload class A	43 N/micron
Preload class B	59 N/micron
Preload class C	82 N/micron
Preload class D	118 N/micron
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.196
EAN	7316570135718
Product Group	B04270
Enclosure	Open
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 Basic Design
Long Description	30MM Bore; 62MM Outside Diameter; 16MM Width; Open Enclosure; ABEC 7   ISO P4 Precision; Steel Ball
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Ball Angular Contact
Manufacturer Item Number	7206 CD/P4A
Weight / LBS	0.452
Outside Diameter	2.441 Inch   62 Millimeter
Width	0.63 Inch   16 Millimeter
Bore	1.181 Inch   30 Millimeter
r1,2 min.	1 mm
r3,4 min.	0.3 mm

da min.	35.6 mm
db min.	35.6 mm
Da max.	56.4 mm
Db max.	59.6 mm
ra max.	1 mm
rb max.	0.3 mm
Basic dynamic load rating C	24.2 kN
Basic static load rating C0	16 kN
Fatigue load limit Pu	0.67 kN
Attainable speed for grease lubrication	24000 r/min
Attainable speed for oil-air lubrication	38000 r/min
Ball diameter Dw	9.525 mm
Number of balls z	13
Reference grease quantity Gref	2.769 cm <sup>3</sup>
Preload class A GA	90 N
Static axial stiffness, preload class A	43 N/μm
Preload class B GB	180 N
Static axial stiffness, preload class B	59 N/μm
Preload class C GC	360 N
Static axial stiffness, preload class C	82 N/μm
Preload class D GD	720 N
Static axial stiffness, preload class D	118 N/μm
Calculation factor f	1.05
Calculation factor f1	1

Calculation factor f2A	1
Calculation factor f2B	1.01
Calculation factor f2C	1.03
Calculation factor f2D	1.05
Calculation factor fHC	1
Calculation factor f $\theta$	14
Mass bearing	0.2 kg