

# Toyana 7208 B-UX angular contact ball bearings

Toyana 7208 B-UX angular contact ball bearings SEARCH 47 Bore Diameter (mm) – Whether it's agriculture or construction equipment your working on, 47x30x9 Size (mm) Has the you need.

Size (mm)	47x30x9
Bore Diameter (mm)	47
Outer Diameter (mm)	30
Width (mm)	9
d	30 mm
D	47 mm
B	9 mm
d1	35.6 mm
d2	35.6 mm
D1	41.4 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.2 mm
a	13.6 mm
da – min.	32 mm
db – min.	32 mm
Da – max.	45 mm
Db – max.	45.6 mm
ra – max.	0.3 mm
rb – max.	0.2 mm
dn	36.8 mm
Basic dynamic load rating – C	6.8 kN
Basic static load rating – C0	4.3 kN

Fatigue load limit – Pu	0.183 kN
Limiting speed for grease lubrication	26000 r/min
Limiting speed for oil lubrication	40000 mm/min
Ball – Dw	4.762 mm
Ball – z	20
Gref	0.63 cm <sup>3</sup>
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	40 N
Preload class B – GB	80 N
Preload class C – GC	160 N
Preload class D – GD	320 N
Calculation factor – f	1.08
Calculation factor – f1	0.98
Calculation factor – f2A	1
Calculation factor – f2B	1.04
Calculation factor – f2C	1.08
Calculation factor – f2D	1.14
Calculation factor – fHC	1
Preload class A	65 N/micron
Preload class B	83 N/micron
Preload class C	109 N/micron
Preload class D	145 N/micron
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A

Weight / Kilogram	0.055
EAN	7316570816716
Product Group	B04270
Enclosure	Open
Precision Class	ABEC 7   ISO P4
Material – Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	25 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 Precision
Long Description	30MM Bore; 47MM Outside Diameter; 9MM Width; Open Enclosure; ABEC 7   ISO P4 Precision; Steel Ball M
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact Ball
Manufacturer Item Number	71906 ACD/P4A
Weight / LBS	0.122
Width	0.354 Inch   9 Millimeter

Outside Diameter	1.85 Inch   47 Millimeter
Bore	1.181 Inch   30 Millimeter
r1,2 min.	0.3 mm
r3,4 min.	0.2 mm
da min.	32 mm
db min.	32 mm
Da max.	45 mm
Db max.	45.6 mm
ra max.	0.3 mm
rb max.	0.2 mm
Basic dynamic load rating C	6.76 kN
Basic static load rating C0	4.3 kN
Fatigue load limit Pu	0.183 kN
Attainable speed for grease lubrication	26000 r/min
Attainable speed for oil-air lubrication	40000 r/min
Ball diameter Dw	4.762 mm
Number of balls z	20
Reference grease quantity Gref	0.63 cm <sup>3</sup>
Preload class A GA	40 N
Static axial stiffness, preload class A	65 N/μm
Preload class B GB	80 N
Static axial stiffness, preload class B	83 N/μm
Preload class C GC	160 N

Static axial stiffness, preload class C	109 N/ $\mu\text{m}$
Preload class D GD	320 N
Static axial stiffness, preload class D	145 N/ $\mu\text{m}$
Calculation factor f	1.08
Calculation factor f1	0.98
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.08
Calculation factor f2D	1.14
Calculation factor fHC	1
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92
Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.048 kg