

Toyana NJ436 cylindrical roller bearings

are a few brands you will find in our inventory. Find Toyana NJ436 cylindrical roller bearings to see what's 50x90x20 Size (mm) in stock! 90 Outer Diameter (mm)

Size (mm)	50x90x20
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	20
d	50 mm
D	90 mm
B	20 mm
C	20 mm
d1	62.3 mm
d2	62.3 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	77.7 mm
D2	80,7 mm
da min.	57 mm
Da max.	83 mm
db min	57 mm
ra max.	1 mm
rb max.	0.6 mm
dh	65,6 mm

Db max	85,8 mm
Weight	0,46 Kg
Basic dynamic load rating (C)	42,3 kN
Basic static load rating (C0)	32,5 kN
(Grease) Lubrication Speed	14 000 r/min
(Oil) Lubrication Speed	22 000 r/min
Fatigue load limit (Pu)	1,37
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.479
EAN	7316570698565
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 Super Precision High Capacity

Long Description	50MM Bore; 90MM Outside Diameter; 20MM Width; Open Enclosure; ABEC 7 ISO P4 Precision; Steel Ball
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact Ball
Manufacturer Item Number	7210 ACD/P4A
Weight / LBS	1.047
Bore	1.969 Inch 50 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Width	0.787 Inch 20 Millimeter
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
a	26.4 mm
db min.	57 mm
Db max.	85.8 mm
dn	65.6 mm
Basic dynamic load rating C	42.3 kN
Basic static load rating C0	32.5 kN
Fatigue load limit Pu	1.37 kN
Attainable speed for grease lubrication	14000 r/min
Attainable speed for oil-air lubrication	22000 r/min
Ball diameter Dw	12.7 mm

Number of balls z	15
Reference grease quantity Gref	6.708 cm ³
Preload class A GA	265 N
Static axial stiffness, preload class A	154 N/μm
Preload class B GB	530 N
Static axial stiffness, preload class B	201 N/μm
Preload class C GC	1060 N
Static axial stiffness, preload class C	266 N/μm
Preload class D GD	2120 N
Static axial stiffness, preload class D	359 N/μm
Calculation factor f	1.08
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.01
Calculation factor f2C	1.02
Calculation factor f2D	1.05
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	0.46 kg