

# SKF 6244 deep groove ball bearings

With over 10170 full-service stores, 110x50x40 Size (mm) our SKF 6244 deep groove ball bearings inventory is extensive and our parts are priced right. within 24 hours. This helps you maximize your productivity by saving time and your hard-earned dollars.

Size (mm)	110x50x40
Bore Diameter (mm)	110
Outer Diameter (mm)	50
Width (mm)	40
d	50 mm
D	110 mm
B	40 mm
d2	63.9 mm
D1	91.9 mm
b	6 mm
K	3 mm
r1,2 – min.	2 mm
da – min.	57.2 mm
da – max.	63 mm
Da – max.	99 mm
ra – max.	2 mm
Basic dynamic load rating – C	228 kN
Basic static load rating – C0	216 kN
Fatigue load limit – Pu	23.2 kN
Reference speed	4800 r/min

Limiting speed	6300 r/min
Calculation factor – e	0.37
Calculation factor – Y1	1.8
Calculation factor – Y2	2.7
Calculation factor – Y0	1.8
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.839
EAN	7316571551678
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AHX2310 (Specify bore)
Withdrawal Nut	KM11
Inch – Metric	Metric
Long Description	50MM Tapered Bore; 110MM Outside Diameter; 40MM Width; C0-Medium Clearance; Adapter Mount; Double Ro

Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Weight / LBS	4.05
Width	1.575 Inch   40 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Bore	1.969 Inch   50 Millimeter
Adapter Part Number	SNW110 H2310 HA2310 HE2310 (Specify bore) Inch   H2310 (Specify bore) Millimeter
bore diameter:	50 mm
maximum rpm:	6300 RPM
outside diameter:	110 mm
operating temperature range:	Maximum of +390 °F
overall width:	40 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open

finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	40 mm
dynamic load capacity:	220 kN
fillet radius:	2 mm
static load capacity:	224 kN
series:	223
d2 ≈	63.9 mm
D1 ≈	91.9 mm
r1,2 min.	2 mm
Da max.	99 mm
ra max.	2 mm
Basic dynamic load rating C	228 kN
Basic static load rating C0	224 kN
Fatigue load limit Pu	24 kN
Calculation factor e	0.37
Calculation factor Y1	1.8
Calculation factor Y2	2.7
Calculation factor Y0	1.8
Mass bearing	1.85 kg
Recommended lock nut tightening angle α	130 °