

# FBJ JS3549A/JS3510 tapered roller bearings

are a 140x90x24 Size (mm) few brands you will find in our inventory. Find FBJ JS3549A/JS3510 tapered roller bearings to see what's in stock!

Size (mm)	140x90x24
Bore Diameter (mm)	140
Outer Diameter (mm)	90
Width (mm)	24
d	90 mm
D	140 mm
B	24 mm
d1	105.4 mm
d2	105.4 mm
D1	124.6 mm
r1,2 – min.	1.5 mm
r3,4 – min.	1 mm
a	27.5 mm
da – min.	97 mm
db – min.	97 mm
Da – max.	133 mm
Db – max.	136 mm
ra – max.	1.5 mm
rb – max.	1 mm
dn	108.7 mm
Basic dynamic load rating – C	79.3 kN
Basic static load rating – C0	76.5 kN

Fatigue load limit – Pu	3 kN
Limiting speed for grease lubrication	11000 r/min
Limiting speed for oil lubrication	18000 mm/min
Ball – Dw	15.875 mm
Ball – z	20
Gref	15 cm <sup>3</sup>
Calculation factor – f <sub>0</sub>	15.6
Preload class A – GA	300 N
Preload class B – GB	600 N
Preload class C – GC	1200 N
Preload class D – GD	2400 N
Calculation factor – f	1
Calculation factor – f <sub>2A</sub>	1
Calculation factor – f <sub>2B</sub>	1.02
Calculation factor – f <sub>2C</sub>	1.05
Calculation factor – f <sub>2D</sub>	1.09
Calculation factor – f <sub>HC</sub>	1.02
Preload class A	114 N/micron
Preload class B	156 N/micron
Preload class C	220 N/micron
Preload class D	319 N/micron
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04270
Enclosure	Open
Precision Class	ABEC 7   ISO P4

Material – Ball	Ceramic
Number of Bearings	1 (Single)
Contact Angle	15 Degree
Preload	None
Raceway Style	1 Rib Outer Ring
Cage Material	PEEK Resin
Rolling Element	Ball Bearing
Flush Ground	No
Inch – Metric	Metric
Other Features	Single Row   Angular Contact   High Capacity Basic Design
Long Description	90MM Bore; 140MM Outside Diameter; 24MM Width; Open Enclosure; ABEC 7   ISO P4 Precision; Ceramic Ba
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Ball Angular Contact
Bore	3.543 Inch   90 Millimeter
Width	0.945 Inch   24 Millimeter
Outside Diameter	5.512 Inch   140 Millimeter
r1,2 min.	1.5 mm
r3,4 min.	1 mm
da min.	97 mm
db min.	97 mm

Da max.	133 mm
Db max.	136 mm
ra max.	1.5 mm
rb max.	1 mm
Basic dynamic load rating C	79.3 kN
Basic static load rating C0	76.5 kN
Fatigue load limit Pu	3 kN
Attainable speed for grease lubrication	11000 r/min
Attainable speed for oil-air lubrication	18000 r/min
Ball diameter Dw	15.875 mm
Number of balls z	20
Reference grease quantity Gref	15 cm <sup>3</sup>
Preload class A GA	300 N
Static axial stiffness, preload class A	114 N/μm
Preload class B GB	600 N
Static axial stiffness, preload class B	156 N/μm
Preload class C GC	1200 N
Static axial stiffness, preload class C	220 N/μm
Preload class D GD	2400 N
Static axial stiffness, preload class D	319 N/μm
Calculation factor f	1.14
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.02

Calculation factor f2C	1.05
Calculation factor f2D	1.09
Calculation factor fHC	1.02
Calculation factor f0	15.6
Mass bearing	1.01 kg