



TIMKEN AXLE CORP.



3210 A-2Z Bearing 2D drawings and 3D CAD models

50 mm x 90 mm x 30.2 mm SKF 3210 A-2Z Angular Contact Ball Bearings

Bearing No. 3210 A-2Z

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.704
EAN	7316573930662
Product Group	B00152
Enclosure	2 Metal Shields
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	50MM Bore; 90MM Outside Diameter; 30.2MM Width; 2 Metal Shields; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring



TIMKEN AXLE CORP.

Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	5210 A-2Z
Weight / LBS	1.443
D	3.543 Inch 90 Millimeter
d	1.969 Inch 50 Millimeter
B	1.189 Inch 30.2 Millimeter
d	50 mm
D	90 mm
B	30.2 mm
d ₂	57.8 mm
D ₂	82.1 mm
r _{1,2} min.	1.1 mm
a	52 mm
d _a min.	57 mm
d _a max.	57.5 mm
D _a max.	83 mm
r _a max.	1 mm
Basic dynamic load rating C	51 kN
Basic static load rating C ₀	42.5 kN
Fatigue load limit P _u	1.8 kN
Reference speed	8000 r/min
Limiting speed	7000 r/min
Calculation factor k _r	0.06
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor Y ₀	0.66
Calculation factor Y ₁	0.78



TIMKEN AXLE CORP.

Calculation factor Y_2	1.24
Mass bearing	0.65 kg