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60 mm x 110 mm x 28 mm SKF 2212 E-2RS1TN9 Self Aligning Ball Bearings

Bearing No. 2212 E-2RS1TN9

2212 E-2RS1TN9 Bearing 2D drawings and 3D CAD models

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.137
EAN	7316577004000
Product Group	B00152
Mounting Method	Shaft
Enclosure	2 Seals
Rolling Element	Ball Bearing
Cage Material	Polyamide
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 1.5 Deg High Capacity Design
Long Description	60MM Bore; Shaft Mount; 110MM Outside Diameter; 28MM Inner Race Width; 28MM Outer Race Width; 2 Seals; Polyamide Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



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Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	2212 E-2RS1TN9
Weight / LBS	2.504
d	2.362 Inch 60 Millimeter
D	4.331 Inch 110 Millimeter
Outer Race Width	1.102 Inch 28 Millimeter
Inner Race Width	1.102 Inch 28 Millimeter
bore diameter:	60 mm
precision rating:	Not Rated
outside diameter:	110 mm
maximum rpm:	3800 RPM
overall width:	28 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Straight
finish/coating:	Uncoated
closure type:	Double Sealed
maximum misalignment:	2.5 °
internal clearance:	C0
outer ring width:	28 mm
operating temperature range:	-40 to +210 ° F
fillet radius:	1.5 mm
dynamic load capacity:	31.2 kN
series:	2200
static load capacity:	12.2 kN
d	60 mm
D	110 mm
B	28 mm
d ₂	73.2 mm
D ₂	97 mm
r _{1,2} min.	1.5 mm



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d_a min.	69 mm
d_a max.	73 mm
D_a max.	101 mm
r_a max.	1.5 mm
Basic dynamic load rating C	31.2 kN
Basic static load rating C_0	12.2 kN
Fatigue load limit P_u	0.62 kN
Limiting speed	3800 r/min
Permissible angular misalignment	1.5 °
Calculation factor k_r	0.045
Calculation factor e	0.19
Calculation factor Y_0	3.6
Calculation factor Y_1	3.3
Calculation factor Y_2	5.1
Mass bearing	1.05 kg