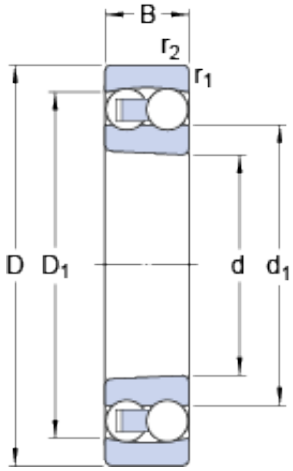
Loyal | 2212 EKTN9



Bearing No. 2212 EKTN9

D	110 mm
d	60 mm
B	28 mm
Bore	2.362 Inch | 60 Millimeter
Noun	Bearing
UNSPSC	31171532
series:	2200
Category	Self Aligning Ball Bearings
Inventory	0.0
Size (mm)	110x60x28
Enclosure	Open
Width (mm)	28
bore type:	Tapered 1:12
Mass bearing	1.05 kg
Weight / LBS	2.315
maximum rpm:	8000 RPM
closure type:	Open
D_1	96.9 mm
Inch - Metric	Metric
d_1	74.45 mm
Cage Material	Polyamide
Product Group	B00152
bore diameter:	60 mm
overall width:	28 mm
Keyword String	Self Aligning
cage material:	Fiberglass Reinforced Nylon
fillet radius:	1.1 mm
Other Features	Allowable Misalignment

	2.5 Deg | High Capacity Design | 1:12 Taper
Adapter Sleeve	H-312
Bearing number	2212 EKTN9
Limiting speed	8000 r/min
Mounting Method	Tapered Adapter
Reference speed	11000 r/min
Precision Class	ABEC 1 | ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Outer Race Width	1.102 Inch | 28 Millimeter
Outside Diameter	4.331 Inch | 110 Millimeter
Manufacturer URL	http://www.skf.com
Inner Race Width	1.102 Inch | 28 Millimeter
Long Description	60MM Bore; Tapered Adapter Mount; 110MM Outside Diameter; 28MM Inner Race Width; 28MM Outer Race Width; Open; Polyamide Cage; Double Row of Balls; ABEC 1 | ISO P0; C0-Medium
outer ring width:	28 mm
Manufacturer Name	SKF
outside diameter:	110 mm
Weight / Kilogram	1.05
precision rating:	Not Rated
D_a max.	101 mm
Bore Diameter (mm)	110
r_a max.	1.5 mm
Internal Clearance	C0-Medium

Outer Diameter (mm)	60
internal clearance:	C3
$r_{1,2}$ min.	1.5 mm
Calculation factor e	0.24
D_a - max.	101 mm
r_a - max.	1.5 mm
Minimum Buy Quantity	N/A
D_1 ?	96.9 mm
maximum misalignment:	2.5 °
static load capacity:	17 kN
d_1 ?	74.45 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	48.8 kN
Calculation factor - e	0.24
Number of Rows of Balls	Double Row
Manufacturer Item Number	2212 EKTN9
Basic dynamic load rating C	48.8 kN
Basic dynamic load rating - C	48.8 kN
Fatigue load limit P_u	0.88 kN
Calculation factor k_r	0.045
Calculation factor Y_0	2.8
Calculation factor Y_1	2.6
Calculation factor Y_2	4.1
Calculation factor - Y_2	4.1
Calculation factor - Y_0	2.8
Calculation factor - k_r	0.045
Fatigue load limit - P_u	0.88 kN
Calculation factor - Y_1	2.6

Permissible angular misalignment ?	2.5 °
Basic static load rating C_0	17 kN
Basic static load rating - C_0	17 kN