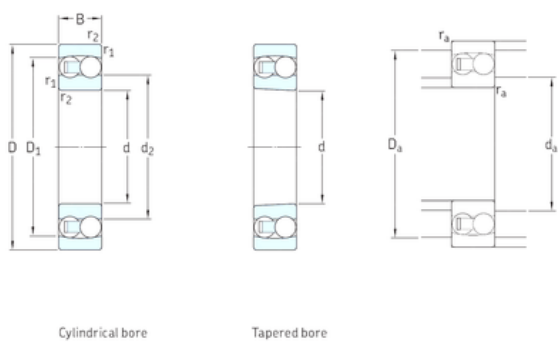




Bearing No. 2222

C	53 mm
d	110 mm
D	200 mm
B	53 mm
d2	137 mm
D1	177 mm
Bore	4.331 Inch 110 Millimeter
Noun	Bearing
Weight	7,1 Kg
UNSPSC	31171532
r2 min.	2,1 mm
da min.	122 mm
Da max.	188 mm
ra max.	2 mm
r1 min.	2,1 mm
Category	Self Aligning Ball Bearings
Size (mm)	110x200x53
Enclosure	Open
Inventory	0.0
Width (mm)	53
Mass bearing	7.1 kg
Product Group	B00152
Inch - Metric	Metric
Cage Material	Steel
Limiting speed	4300 r/min
Keyword String	Self Aligning
Other Features	Allowable Misalignment 2.5 Deg
Bearing number	2222

Rolling Element	Ball Bearing
Mounting Method	Shaft
Reference speed	6000 r/min
Precision Class	ABEC 1 ISO P0
Outer Race Width	2.087 Inch 53 Millimeter
Long Description	110MM Bore; Shaft Mount; 200MM Outside Diameter; 53MM Inner Race Width; 53MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inner Race Width	2.087 Inch 53 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
Weight / Kilogram	7.254
Internal Clearance	C0-Medium
r_a max.	2 mm
D_a max.	188 mm
d_a min.	122 mm
Bore Diameter (mm)	110
Outer Diameter (mm)	200
Calculation factor e	0.28
$r_{1,2}$ min.	2.1 mm
Minimum Buy Quantity	N/A
d_1 ?	138.5 mm
D_1 ?	174.3 mm
Calculation factor (e)	0,28
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (Pu)	2,12

Calculation factor (Y0)	2,5
Number of Rows of Balls	Double Row
Calculation factor (kr)	0,04
Calculation factor (Y1)	2,2
Basic dynamic load rating C	124 kN
Basic dynamic load rating (C)	124 kN
Basic static load rating (C0)	52 kN
Fatigue load limit P _u	2.12 kN
Calculation factor k _r	0.04
Calculation factor Y ₀	2.5
Calculation factor Y ₁	2.2
Calculation factor Y ₂	3.5
Permissible angular misalignment ?	2.5 °
Basic static load rating C ₀	52 kN