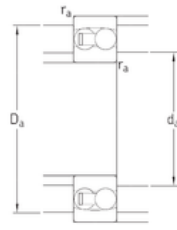


Cylindrical bore



Tapered bore



Bearing No. 2301

C	17 mm
d	12 mm
D	37 mm
B	17 mm
d2	18,6 mm
D1	31 mm
Bore	0.472 Inch 12 Millimeter
Noun	Bearing
Weight	0,095 Kg
UNSPSC	31171532
r2 min.	1 mm
da min.	17,6 mm
Da max.	31,4 mm
ra max.	1 mm
r1 min.	1 mm
Category	Self Aligning Ball Bearings
Size (mm)	12x37x17
Enclosure	Open
Inventory	0.0
Width (mm)	17
Mass bearing	0.095 kg
Product Group	B00152
Inch - Metric	Metric
Cage Material	Steel
Limiting speed	28000 r/min
Keyword String	Self Aligning
Other Features	Allowable Misalignment 3 Deg
Bearing number	2301

Rolling Element	Ball Bearing
Mounting Method	Shaft
Reference speed	38000 r/min
Precision Class	ABEC 1 ISO P0
Outside Diameter	1.457 Inch 37 Millimeter
Long Description	12MM Bore; Shaft Mount; 37MM Outside Diameter; 17MM Inner Race Width; 17MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inner Race Width	0.669 Inch 17 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
Weight / Kilogram	0.09
Internal Clearance	C0-Medium
r _a max.	1 mm
D _a max.	31.4 mm
d _a min.	17.6 mm
Bore Diameter (mm)	12
Outer Diameter (mm)	37
Calculation factor e	0.6
r _{1,2} min.	1 mm
Minimum Buy Quantity	N/A
d ₁ ?	18.9 mm
D ₁ ?	29.1 mm
Calculation factor (e)	0,6
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (Pu)	0,14

Calculation factor (Y0)	1,1
Number of Rows of Balls	Double Row
Calculation factor (kr)	0,05
Calculation factor (Y1)	1,05
Basic dynamic load rating C	11.7 kN
Basic dynamic load rating (C)	11,7 kN
Basic static load rating (C0)	2,7 kN
Fatigue load limit P_u	0.14 kN
Calculation factor k_r	0.05
Calculation factor Y_0	1.1
Calculation factor Y_1	1.05
Calculation factor Y_2	1.6
Permissible angular misalignment ?	3 °
Basic static load rating C_0	2.7 kN