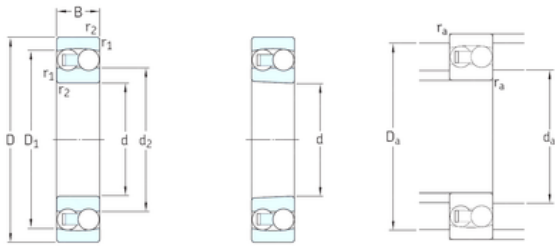




Changzhou SND bearing Co.,Ltd



Cylindrical bore

Tapered bore

12 mm x 37 mm x 17 mm SKF 2301 self aligning ball bearings

Bearing No. 2301

2301 Bearing 2D drawings and 3D CAD models

Size	12x37x17 mm
Bore Diameter	12 mm
Outer Diameter	37 mm
Width	17 mm
d	12 mm
D	37 mm
B	17 mm
C	17 mm
d2	18,6 mm
r1 min.	1 mm
r2 min.	1 mm
D1	31 mm
da min.	17,6 mm
Da max.	31,4 mm
ra max.	1 mm
Weight	0,095 Kg
Basic dynamic load rating (C)	11,7 kN
Basic static load rating (C0)	2,7 kN
Fatigue load limit (Pu)	0,14
Reference speed	38000 r/min
Limiting speed	28000 r/min
Calculation factor (e)	0,6
Calculation factor (kr)	0,05
Calculation factor (Y0)	1,1
Calculation factor (Y1)	1,05



Changzhou SND bearing Co.,Ltd

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.09
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg
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
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Outside Diameter	1.457 Inch 37 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
Inner Race Width	0.669 Inch 17 Millimeter
Bore	0.472 Inch 12 Millimeter
d ₁	18.9 mm



Changzhou SND bearing Co.,Ltd

D_1	29.1 mm
$r_{1,2}$ min.	1 mm
d_a min.	17.6 mm
D_a max.	31.4 mm
r_a max.	1 mm
Basic dynamic load rating C	11.7 kN
Basic static load rating C_0	2.7 kN
Fatigue load limit P_u	0.14 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.05
Calculation factor e	0.6
Calculation factor Y_0	1.1
Calculation factor Y_1	1.05
Calculation factor Y_2	1.6
Mass bearing	0.095 kg