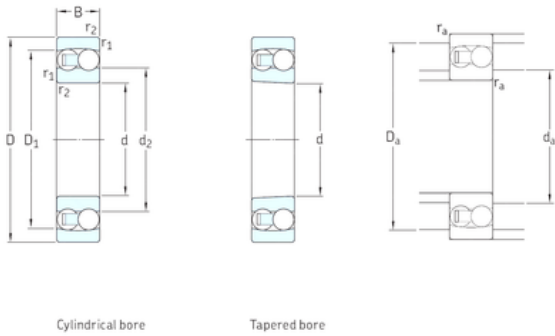




Air Suspension Bearing Co., Ltd



Cylindrical bore

Tapered bore

30 mm x 72 mm x 27 mm SKF 2306 self aligning ball bearings

Bearing No. 2306

2306 Bearing 2D drawings and 3D CAD models

Size	30x72x27 mm
Bore Diameter	30 mm
Outer Diameter	72 mm
Width	27 mm
d	30 mm
D	72 mm
B	27 mm
C	27 mm
d2	41,7 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
D1	60,9 mm
da min.	37 mm
Da max.	65 mm
ra max.	1,1 mm
Weight	0,5 Kg
Basic dynamic load rating (C)	31,2 kN
Basic static load rating (C0)	8,8 kN
Fatigue load limit (Pu)	0,45
Reference speed	18000 r/min
Limiting speed	13000 r/min
Calculation factor (e)	0,44
Calculation factor (kr)	0,05
Calculation factor (Y0)	1,4
Calculation factor (Y1)	1,4



Air Suspension Bearing Co., Ltd

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.519
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	30MM Bore; Shaft Mount; 72MM Outside Diameter; 27MM Inner Race Width; 27MM 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
Manufacturer Item Number	2306
Weight / LBS	1.144
Outside Diameter	2.835 Inch 72 Millimeter
Outer Race Width	1.063 Inch 27 Millimeter
Bore	1.181 Inch 30 Millimeter



Air Suspension Bearing Co., Ltd

Inner Race Width	1.063 Inch 27 Millimeter
bore diameter:	30 mm
static load capacity:	8.8 kN
outside diameter:	72 mm
precision rating:	Not Rated
overall width:	27 mm
maximum rpm:	13000 RPM
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	27 mm
internal clearance:	C0
fillet radius:	1.1 mm
dynamic load capacity:	31.2 kN
series:	2300
d_1	41.9 mm
D_1	59.8 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	37 mm
D_a max.	65 mm
r_a max.	1.1 mm
Basic dynamic load rating C	31.2 kN
Basic static load rating C_0	8.8 kN
Fatigue load limit P_u	0.45 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.05
Calculation factor e	0.44
Calculation factor Y_0	1.4
Calculation factor Y_1	1.4
Calculation factor Y_2	2.2
Mass bearing	0.5 kg