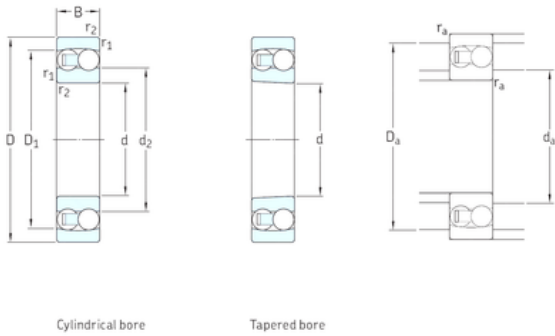




# LEDONG Machinery Co., Ltd.



Cylindrical bore

Tapered bore

## 17 mm x 47 mm x 19 mm SKF 2303 self aligning ball bearings

Bearing No. 2303

2303 Bearing 2D drawings and 3D CAD models

Size	17x47x19 mm
Bore Diameter	17 mm
Outer Diameter	47 mm
Width	19 mm
d	17 mm
D	47 mm
B	19 mm
C	19 mm
d2	25,8 mm
r1 min.	1 mm
r2 min.	1 mm
D1	39,4 mm
da min.	22,6 mm
Da max.	41,4 mm
ra max.	1 mm
Weight	0,16 Kg
Basic dynamic load rating (C)	14,3 kN
Basic static load rating (C0)	3,55 kN
Fatigue load limit (Pu)	0,19
Reference speed	30000 r/min
Limiting speed	22000 r/min
Calculation factor (e)	0,52
Calculation factor (kr)	0,05
Calculation factor (Y0)	1,3
Calculation factor (Y1)	1,2



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Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.158
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	17MM Bore; Shaft Mount; 47MM Outside Diameter; 19MM Inner Race Width; 19MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Bore	0.669 Inch   17 Millimeter
Inner Race Width	0.748 Inch   19 Millimeter
Outside Diameter	1.85 Inch   47 Millimeter
Outer Race Width	0.748 Inch   19 Millimeter
d <sub>1</sub>	26.15 mm



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$D_1$	37.2 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	22.6 mm
$D_a$ max.	41.4 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	14.3 kN
Basic static load rating $C_0$	3.55 kN
Fatigue load limit $P_u$	0.19 kN
Permissible angular misalignment	3 °
Calculation factor $k_r$	0.05
Calculation factor e	0.52
Calculation factor $Y_0$	1.3
Calculation factor $Y_1$	1.2
Calculation factor $Y_2$	1.9
Mass bearing	0.16 kg