



BEARING ITALIA S.P.A



30 mm x 72 mm x 27 mm skf 2306 E-2RS1TN9
Self-aligning ball bearings

Bearing No. 2306 E-2RS1TN9

2306 E-2RS1TN9 Bearing 2D drawings and 3D CAD models

Category	Self Aligning Ball Bearings
Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.543
EAN	7316577069399
Product Group	B00152
Mounting Method	Shaft
Enclosure	2 Seals
Rolling Element	Ball Bearing
Cage Material	Polyamide
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 1.5 Deg High Capacity Design
Long Description	30MM Bore; Shaft Mount; 72MM Outside Diameter; 27MM Inner Race Width; 27MM Outer Race Width; 2 Seals; Polyamide 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



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Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	2306 E-2RS1TN9
Weight / LBS	1.197
d	1.181 Inch 30 Millimeter
D	2.835 Inch 72 Millimeter
Inner Race Width	1.063 Inch 27 Millimeter
Outer Race Width	1.063 Inch 27 Millimeter
bore diameter:	30 mm
precision rating:	Not Rated
outside diameter:	72 mm
maximum rpm:	6700 RPM
overall width:	27 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Straight
finish/coating:	Uncoated
closure type:	Double Sealed
maximum misalignment:	3 °
internal clearance:	C0
outer ring width:	27 mm
operating temperature range:	-40 to +210 ° F
fillet radius:	1.1 mm
dynamic load capacity:	22.5 kN
series:	2300
static load capacity:	6.8 kN
d	30 mm
D	72 mm
B	27 mm
d ₂	40.4 mm
D ₂	61.88 mm
r _{1,2} min.	1.1 mm



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d_a min.	37 mm
d_a max.	40 mm
D_a max.	65 mm
r_a max.	1.1 mm
Basic dynamic load rating C	22.5 kN
Basic static load rating C_0	6.8 kN
Fatigue load limit P_u	0.36 kN
Limiting speed	6700 r/min
Permissible angular misalignment	1.5 °
Calculation factor k_r	0.05
Calculation factor e	0.25
Calculation factor Y_0	2.5
Calculation factor Y_1	2.5
Calculation factor Y_2	3.9
Mass bearing	0.51 kg