



# Timken BEARINGS ITALIA S.P.A.



1306 ETN9 Bearing 2D drawings and 3D CAD models

## 30 mm x 72 mm x 19 mm SKF 1306 ETN9 Self Aligning Ball Bearings

Bearing No. 1306 ETN9

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.39
EAN	7316576626302
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
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 3 Deg   High Capacity Design
Long Description	30MM Bore; Shaft Mount; 72MM Outside Diameter; 19MM Inner Race Width; 19MM Outer Race Width; Open; 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	1306 ETN9
Weight / LBS	0.86
Inner Race Width	0.748 Inch   19 Millimeter
d	1.181 Inch   30 Millimeter
Outer Race Width	0.748 Inch   19 Millimeter
D	2.835 Inch   72 Millimeter
bore diameter:	30 mm
precision rating:	Not Rated
outside diameter:	72 mm
maximum rpm:	13000 RPM
overall width:	19 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	3 °
internal clearance:	C0
outer ring width:	19 mm
dynamic load capacity:	22.5 kN
fillet radius:	1.1 mm
static load capacity:	6.8 kN
series:	1300
d	30 mm
D	72 mm
B	19 mm
d <sub>1</sub>	45.1 mm
D <sub>1</sub>	59.1 mm
r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> min.	37 mm
D <sub>a</sub> max.	65 mm



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$r_a$ 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
Reference speed	19000 r/min
Limiting speed	13000 r/min
Permissible angular misalignment	3 °
Calculation factor $k_r$	0.04
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	0.39 kg