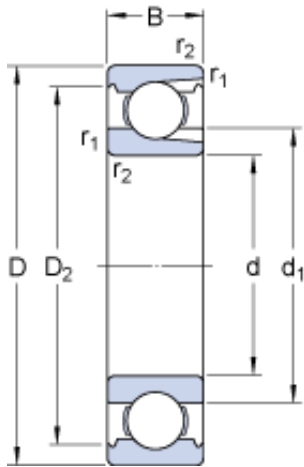




# AMERICAN BEARING MFG.CORP.



30 mm x 72 mm x 19 mm 234436-M-SP  
 Angular Contact Thrust Ball Bearings  
 180\*280\*120mm

Bearing No. 306

306 Bearing 2D drawings and 3D CAD models

Size	72x30x19 mm
Bore Diameter	72 mm
Outer Diameter	30 mm
Width	19 mm
d	30 mm
D	72 mm
B	19 mm
d <sub>1</sub>	44.6 mm
D <sub>2</sub>	61.88 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	37 mm
D <sub>a</sub> - max.	65 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	29.7 kN
Basic static load rating - C <sub>0</sub>	21.6 kN
Fatigue load limit - P <sub>u</sub>	0.93 kN
Reference speed	18000 r/min
Limiting speed	11000 r/min
Calculation factor - k <sub>r</sub>	0.05
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## AMERICAN BEARING MFG.CORP.

Weight / Kilogram	0.381
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	30MM Bore; 72MM Outside Diameter; 19MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	306
Weight / LBS	0.84
Outside Diameter	2.835 Inch   72 Millimeter
Bore	1.181 Inch   30 Millimeter
Outer Race Width	0.748 Inch   19 Millimeter
bore diameter:	30 mm
static load capacity:	21.6 kN
outside diameter:	72 mm
precision rating:	ABEC 3 (ISO Class 6)



## AMERICAN BEARING MFG.CORP.

overall width:	19 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	19 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	11000 RPM
internal clearance:	C0
series:	30
dynamic load capacity:	29.7 kN
thrust application warning:	This product can not be used in Thrust Applications
$D_2$	61.88 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	37 mm
$D_a$ max.	65 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	29.7 kN
Basic static load rating $C_0$	21.6 kN
Fatigue load limit $P_u$	0.93 kN
Calculation factor $k_r$	0.05
Mass bearing	0.37 kg