



DDH BEARINGS(UK)LTD.

30 mm x 72 mm x 19 mm NTN 6306 deep groove ball bearings



Bearing No. 6306

6306 Bearing 2D drawings and 3D CAD models

Size	30x72x19 mm
Bore Diameter	30 mm
Outer Diameter	72 mm
Width	19 mm
d	30 mm
D	72 mm
B	19 mm
C	19 mm
r min.	1,1 mm
da min.	36,5 mm
da max	43 mm
Da max.	65,5 mm
ra max.	1 mm
Weight	0,36 Kg
Basic dynamic load rating (C)	26,7 kN
Basic static load rating (C0)	15 kN
(Grease) Lubrication Speed	10 000 r/min
(Oil) Lubrication Speed	12 000 r/min
rs min	1.1 mm
Radial clearance class	CN
Mass	0.36 kg
Dynamic load, C	26.7 kN
Static load, C0	15 kN
Fatigue limit load, Cu	0.68 kN
f0	13.3



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Nlim (oil)	12,000 rpm
Nlim (grease)	10,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.14 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic inner ring frequency, BRF1	4.92 Hz
da min	36.5 mm
Da max	65.5 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.345
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
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



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	Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No 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	http://www.ntnamerica.com
Manufacturer Item Number	6306U
Weight / LBS	0.762
Outside Diameter	2.835 Inch 72 Millimeter
Outer Race Width	0.748 Inch 19 Millimeter
Bore	1.181 Inch 30 Millimeter
bore diameter:	30 mm
finish/coating:	Uncoated
outside diameter:	72 mm
bearing material:	High Carbon Chrome Steel
overall width:	19 mm
cage material:	Steel
bore type:	Round
inner ring width:	19 mm
closure type:	Open
outer ring width:	19 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	10000 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	12000 rpm
internal clearance:	CN
fillet radius:	1.1 mm
operating temperature	-40 to 120 ° C



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range:	
maximum rpm:	6600 RPM
dynamic load capacity:	26700 N
series:	63
static load capacity:	15000 N
manufacturer product page:	Click here
precision rating:	Class 0