



NSK Deep Groove Bearing 6209ZZ

Bearing No. 6209ZZ

6209ZZ Bearing 2D drawings and 3D CAD models

Size	45x85x19 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	19 mm
d	45 mm
D	85 mm
B	19 mm
C	19 mm
r min.	1,1 mm
da min.	51,5 mm
da max	55,5 mm
Da max.	78,5 mm
ra max.	1 mm
Weight	0,42 Kg
Basic dynamic load rating (C)	31,5 kN
Basic static load rating (C0)	20,4 kN
(Grease) Lubrication Speed	7 500 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.41
EAN	0029176014987
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0



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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	45MM Bore; 85MM Outside Diameter; 19MM Outer Race Diameter; 2 Metal Shields; 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.nskamericas.com
Manufacturer Item Number	6209ZZ
Weight / LBS	0.412
Outer Race Width	0.748 Inch 19 Millimeter
Bore	1.772 Inch 45 Millimeter
Outside Diameter	3.346 Inch 85 Millimeter
bore diameter:	45 mm
static load capacity:	20400 N
outside diameter:	85 mm
precision rating:	ABEC 1 (ISO Class Normal)
overall width:	19 mm
finish/coating:	Uncoated
bore type:	Round



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cage material:	Steel
closure type:	Double Shielded
outer ring width:	19 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1.1 mm
internal clearance:	C0
maximum rpm:	9000 RPM
operating temperature range:	-10 to +110 ° C
series:	62
dynamic load capacity:	31500 N
SRI	6.16
hidYobi	6209ZZ
LangID	1
D_	85
SREX	0.025
B_	19
da min	51.5
hidTable	ecat_NSRDGB
SRE	6.16
mass	0.42
GRS rpm	7500
ra	1
SRIX	0.025
D_a	78.5
SRIN	-0.025
C0	20.4
fo	14.4
SREN	-0.025
DE_	76.906
Prod_Type3	DGGB_SR_ZZ
DA_	11.906
bomp	0



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Z_	10
yobi	6209ZZ
C_conv	31500
ALPHA_	0
SDM_	65
r	1.1
KBRG	6141
SBRG	2
DI_	53.094