



# Zotti Industrial Co., Ltd



## 45 mm x 75 mm x 10 mm NSK 16009 deep groove ball bearings

Bearing No. 16009

16009 Bearing 2D drawings and 3D CAD models

Size	45x75x10 mm
Bore Diameter	45 mm
Outer Diameter	75 mm
Width	10 mm
d	45 mm
D	75 mm
B	10 mm
C	10 mm
r min.	0,6 mm
da min.	49 mm
Da max.	71 mm
ra max.	0,6 mm
Weight	0,167 Kg
Basic dynamic load rating (C)	14,9 kN
Basic static load rating (C0)	11,4 kN
(Grease) Lubrication Speed	9 000 r/min
(Oil) Lubrication Speed	11 000 r/min
Category	Single Row Ball Bearings
Inventory	2.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.16
Product Group	B00308
Enclosure	Open
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; 75MM Outside Diameter; 10MM 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	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Weight / LBS	0.353
Bore	1.772 Inch   45 Millimeter
Outside Diameter	2.953 Inch   75 Millimeter
Outer Race Width	0.394 Inch   10 Millimeter
bore diameter:	45 mm
static load capacity:	11400 N
outside diameter:	75 mm
precision rating:	Not Rated
overall width:	10 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open



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outer ring width:	10 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
internal clearance:	C0
maximum rpm:	11000 RPM
dynamic load capacity:	14900 N
series:	160
SRI	3.7
hidYobi	16009
LangID	1
D_	75
SREX	0.02
B_	10
da min	49
hidTable	ecat_NSRDGB
Oil rpm	11000
SRE	3.7
mass	0.167
GRS rpm	9000
ra	0.6
SRIX	0.02
D_a	71
SRIN	-0.02
C0	11.4
fo	15.9
SREN	-0.02
DE_	67.144
Prod_Type3	DGBB_SR_OT
DA_	7.144
bomp	0
Z_	14
yobi	16009



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C_conv	14900
ALPHA_	0
SDM_	60
r	0.6
KBRG	6101
SBRG	0
DI_	52.856