



# AMERICAN BEARING MFG.CORP.



90 mm x 190 mm x 43 mm BA246-1SA  
Excavator Bearing 246x308x33mm

Bearing No. 6318

6318 Bearing 2D drawings and 3D CAD models

Size	90x190x43 mm
Bore Diameter	90 mm
Outer Diameter	190 mm
Width	43 mm
d	90 mm
D	190 mm
B	43 mm
C	43 mm
r min.	3 mm
da min.	103 mm
da max	117 mm
Da max.	177 mm
ra max.	2,5 mm
Weight	4,98 Kg
Basic dynamic load rating (C)	143 kN
Basic static load rating (C0)	107 kN
(Grease) Lubrication Speed	3 600 r/min
(Oil) Lubrication Speed	4 300 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	5.071
EAN	0029176017728
Product Group	B00308



## AMERICAN BEARING MFG.CORP.

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	90MM Bore; 190MM Outside Diameter; 43MM 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>
Manufacturer Item Number	6318
Weight / LBS	5
Bore	3.543 Inch   90 Millimeter
Outside Diameter	7.48 Inch   190 Millimeter
Outer Race Width	1.693 Inch   43 Millimeter
bore diameter:	90 mm
closure type:	Open
outside diameter:	190 mm
internal clearance:	Normal Clearance
overall width:	43 mm
manufacturer upc number:	029176017728



## AMERICAN BEARING MFG.CORP.

bore type:	Round
SRI	16.43
hidYobi	6318
LangID	1
D_	190
SREX	0.065
B_	43
da min	103
hidTable	ecat_NSRDGB
Oil rpm	4300
SRE	16.43
mass	4.98
GRS rpm	3600
ra	2.5
SRIX	0.065
D_a	177
SRIN	-0.065
C0	107
fo	13.3
SREN	-0.065
DE_	171.75
Prod_Type3	DGBB_SR_OT
DA_	31.75
bomp	0
Z_	8
yobi	6318
C_conv	143000
ALPHA_	0
SDM_	140
r	3
KBRG	6101
SBRG	3



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