



AMERICAN BEARING MFG.CORP.



25 mm x 62 mm x 17 mm BD165-6 Excavator Bearing 165x210x48mm

Bearing No. 6305

6305 Bearing 2D drawings and 3D CAD models

Size	25x62x17 mm
Bore Diameter	25 mm
Outer Diameter	62 mm
Width	17 mm
d	25 mm
D	62 mm
B	17 mm
C	17 mm
r min.	1,1 mm
da min.	31,5 mm
da max	36 mm
Da max.	55,5 mm
ra max.	1 mm
Weight	0,235 Kg
Basic dynamic load rating (C)	20,6 kN
Basic static load rating (C0)	11,2 kN
(Grease) Lubrication Speed	11 000 r/min
(Oil) Lubrication Speed	13 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.385
EAN	0029176016585
Product Group	B00308



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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	25MM Bore; 62MM Outside Diameter; 17MM 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.nskamericas.com
Manufacturer Item Number	6305
Weight / LBS	0.229
Outside Diameter	2.441 Inch 62 Millimeter
Bore	0.984 Inch 25 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
bore diameter:	25 mm
internal clearance:	C0
outside diameter:	62 mm
dynamic load capacity:	20600 N
overall width:	17 mm
precision rating:	ABEC1, P0



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bore type:	Round
finish/coating:	Uncoated
closure type:	Open
cage material:	Steel Cage
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	13000 rpm
snap ring included:	Without Snap Ring
SRI	5.21
hidYobi	6305
LangID	1
D_	62
SREX	0.05
B_	17
da min	31.5
hidTable	ecat_NSRDGB
Oil rpm	13000
SRE	5.47
mass	0.235
GRS rpm	11000
ra	1
SRIX	0.025
D_a	55.5
SRIN	0
C0	11.2
fo	13.2
SREN	0
DE_	54.819
Prod_Type3	DGBB_SR_OT
DA_	10.319
bomp	0
Z_	8
yobi	6305



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C_conv	20600
ALPHA_	0
SDM_	44.5
r	1.1
KBRG	6101
SBRG	3
DI_	34.181