



Bearing No. 6816

D	100 mm
d	80 mm
B	10 mm
C	10 mm
r	0.6
Z_	27
C0	14.5
ra	0.6
fo	17.4
D_	100
B_	10
DI_	84.444
SRI	2.88
DE_	95.556
DA_	5.556
SRE	2.88
D_a	96
KBRG	6101
SRIX	0.015
Noun	Bearing
yobi	6816
SDM_	90
bomp	0
SRIN	-0.015
Bore	3.15 Inch 80 Millimeter
SREX	0.015
mass	0.151
SBRG	18
SREN	-0.015
ALPHA_	0

UNSPSC	31171504
da max	84,5 mm
LangID	1
r min.	0,6 mm
C_conv	12700
Weight	0,151 Kg
da min	84
GRS rpm	6000
Oil rpm	7100
hidYobi	6816
da min.	84 mm
Da max.	96 mm
ra max.	0,6 mm
Category	Single Row Ball Bearing
hidTable	ecat_NSRDGB
Inventory	0.0
Snap Ring	No
Size (mm)	80x100x10
Enclosure	Open
bore type:	Round
Prod_Type3	DGBB_SR_OT
Width (mm)	10
Weight / LBS	0.147
maximum rpm:	7100 rpm
Product Group	B00308
closure type:	Open
Cage Material	Steel
Inch - Metric	Metric
Bearing number	6816
bore diameter:	80 mm
cage material:	Steel Cage
overall width:	10 mm

Keyword String	Ball
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outside Diameter	3.937 Inch 100 Millimeter
Manufacturer URL	http://www.nskamericas.com
Long Description	80MM Bore; 100MM Outside Diameter; 10MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.394 Inch 10 Millimeter
Weight / Kilogram	0.07
Manufacturer Name	NSK
precision rating:	ABEC1, P0
outside diameter:	100 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	80
snap ring included:	Without Snap Ring
Outer Diameter (mm)	100
internal clearance:	C0
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	12700 N
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	7 100 r/min
Manufacturer Item Number	6816
Internal Special Features	No

(Grease) Lubrication Speed	6 000 r/min
Basic static load rating (C0)	14,5 kN
Basic dynamic load rating (C)	12,7 kN
Maximum Capacity / Filling Slot	No