



Bearing No. 7010DB

a	27 mm
d	50 mm
D	80 mm
B	16 mm
C	16 mm
2B	32 mm
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
Width	1.26 Inch 32 Millimeter
Weight	0,612 Kg
r min.	1 mm
Db max	75,5 mm
UNSPSC	31171531
r1 min.	0,6 mm
da min.	55,5 mm
ra max.	1 mm
Category	Angular Contact Ball Bearing
ra1 max.	0,6 mm
Enclosure	Open
Snap Ring	No
Inventory	0.0
Size (mm)	50x80x16
Width (mm)	16
duplex type:	Back to Back
Flush Ground	Yes
Contact Angle	30 Degree
Product Group	B00308
closure type:	Open
Inch - Metric	Metric

Cage Material	Steel
cage material:	Nylon
overall width:	32 mm
bore diameter:	50 mm
contact angle:	30 °
Keyword String	Angular Contact
fillet radius:	1 mm
Bearing number	7010DB
Angle (?)	25 °
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Long Description	50MM Bore; 80MM Outside Diameter; 32MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 30 Degree; 2 (1 Pair); D
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	3.15 Inch 80 Millimeter
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
outer ring width:	16 mm
inner ring width:	16 mm
precision rating:	ISO Class 0
outside diameter:	80 mm
Weight / Kilogram	0
Internal Clearance	C0-Medium
Bore Diameter (mm)	50
maximum rpm (oil):	9100 rpm

Number of Bearings	2 (1 Pair)
Outer Diameter (mm)	80
Mounting Arrangement	Duplex-Back to Back
Minimum Buy Quantity	N/A
maximum rpm (grease):	6800 rpm
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7010DB
(Grease) Lubrication Speed	6 800 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	40000 N
Basic static load rating (C0)	40 kN
Basic dynamic load rating (C)	38,5 kN
radial dynamic load capacity:	38500 N
Maximum Capacity / Filling Slot	No