

# 2210 NSK UNSPSC 31171532 50x90x23mm Self aligning ball bearings

Bearing number	2210
Size (mm)	50x90x23
Brand	NSK
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	23
d	50 mm
D	90 mm
B	23 mm
C	23 mm
r min.	1.1 mm
da min.	50.5 mm
Da max.	83.5 mm
ra max.	1 mm
Weight	0.564 Kg
Basic dynamic load rating (C)	23.3 kN
Basic static load rating (CB)	8.45 kN
(Grease) Lubrication Speed	6 300 r/Min
(Oil) Lubrication Speed	8 000 r/Min
Calculation factor (c1)	0.28
Calculation factor (YB)	2.3
Calculation factor (Y2)	3.4
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.56
SKN	0029176700179
Product Group - BDI	000152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 2.5 Deg
Long Description	50MM Bore; Shaft Mount; 90MM Outside Diameter; 23MM Inner Race Width; 23MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1   ISO P0; C0-Medium
Inch - Metric	Metric
Category - BDI	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Weight / LBS	1.26
Bore	1.969 Inch   50 Millimeter
Outer Race Width	0.906 Inch   23 Millimeter
Inner Race Width	0.906 Inch   23 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
SRE	5
Y2	2.2
NSIYobi	2210
LangID	1
PCD	79
D	90
Y2	3.4
SREX	0
cyl count	19
B	23
cat	<a href="http://service.web2cad.co.jp/pcom/Make-NSK_NB&amp;info=nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_axetab.pr?jsortset=(STAM-...) (OR008-2210) (SD-50) (D=001) (B=21) (P=1.1) (CR1-23300) (COR1-0450) (COR2-2300) (COR3-065) (LG-0300) (LO-0000) (DA1-50.5) (DA2-83.5) (RA=1.0) (E=0.28) (Y2=3.4) (YB=2.38) (PMS5=0.564)">http://service.web2cad.co.jp/pcom/Make-NSK_NB&amp;info=nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_axetab.pr?jsortset=(STAM-...) (OR008-2210) (SD-50) (D=001) (B=21) (P=1.1) (CR1-23300) (COR1-0450) (COR2-2300) (COR3-065) (LG-0300) (LO-0000) (DA1-50.5) (DA2-83.5) (RA=1.0) (E=0.28) (Y2=3.4) (YB=2.38) (PMS5=0.564)</a>
NSItable	ecat_NESAB
dll_rpm	8000
SRE	0
YB	2.3
mass	0.564
ra	1
GRS rpm	6300
SREX	0.04
groove liner	00.466
D_a	83.5
SKIN	0
CB	8.45
groove outer	80.759
SREb	0
x0	1
Prod_Type3	SAB8_SA_CB
X1	1
da	50.5
X2	0.65
e	0.28
yobi	2210
f	1.1
KMS	1354
Cdog	10.679
cyl_dia	0.525
calcort	/bearingguide/html/calculation.jsp