

# NKE 7238-BCB-MP angular contact ball bearings

NKE 7238-BCB-MP angular contact ball bearings Engineering Calculator 84.0 Inventory , SKF Manufacturer Name Manufacturing N/A Minimum Buy Quantity Service . Get Your Free.

Inventory	84.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.523
EAN	7316576623233
Product Group	B00152
Mounting Method	Shaft
Enclosure	2 Seals
Rolling Element	Ball Bearing
Cage Material	Polyamide
Precision Class	ABEC 1   ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 1.5 Deg   High Capacity Design
Long Description	40MM Bore; Shaft Mount; 80MM Outside Diameter; 23MM Inner Race Width; 23MM Outer Race Width; 2 Seals
Inch – Metric	Metric
UNSPSC	31171532

Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer Item Number	2208 E-2RS1TN9
Weight / LBS	1.153
d	40 mm
Outer Race Width	0.906 Inch   23 Millimeter
Inner Race Width	0.906 Inch   23 Millimeter
D	80 mm
bore diameter:	40 mm
precision rating:	Not Rated
outside diameter:	80 mm
maximum rpm:	5600 RPM
overall width:	23 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Straight
finish/coating:	Uncoated
closure type:	Double Sealed
maximum misalignment:	2.5 °
internal clearance:	C0
outer ring width:	23 mm
operating temperature range:	-40 to +210 °F
fillet radius:	1.1 mm
dynamic load capacity:	19.9 kN
series:	2200
static load capacity:	6.95 kN
B	23 mm
d2 ≈	49 mm

D2 ≈	69.8 mm
r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> min.	47 mm
d <sub>a</sub> max.	49 mm
D <sub>a</sub> max.	73 mm
r <sub>a</sub> max.	1.1 mm
Basic dynamic load rating C	19.9 kN
Basic static load rating C <sub>0</sub>	6.95 kN
Fatigue load limit P <sub>u</sub>	0.36 kN
Limiting speed	5600 r/min
Permissible angular misalignment α	1.5 °
Calculation factor k <sub>r</sub>	0.045
Calculation factor e	0.22
Calculation factor Y <sub>0</sub>	2.8
Calculation factor Y <sub>1</sub>	2.9
Calculation factor Y <sub>2</sub>	4.5
Mass bearing	0.5 kg