



BROWNING BEARING COMPANY



2208 etn9 Bearing 2D drawings and 3D CAD models

40 mm x 80 mm x 23 mm skf 2208 etn9 bearing

Bearing No. 2208 etn9

Category	Self Aligning Ball Bearings
Inventory	45.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.51
EAN	7316576620539
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
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 2.5 Deg High Capacity Design
Long Description	40MM Bore; Shaft Mount; 80MM Outside Diameter; 23MM Inner Race Width; 23MM Outer Race Width; Open; Polyamide Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



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Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	2208 ETN9
Weight / LBS	1.124
D	3.15 Inch 80 Millimeter
d	1.575 Inch 40 Millimeter
Inner Race Width	0.906 Inch 23 Millimeter
Outer Race Width	0.906 Inch 23 Millimeter
bore diameter:	40 mm
precision rating:	Not Rated
outside diameter:	80 mm
maximum rpm:	11000 RPM
overall width:	23 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	2.5 °
internal clearance:	C0
outer ring width:	23 mm
dynamic load capacity:	31.9 kN
fillet radius:	1.1 mm
static load capacity:	10 kN
series:	2200
d	40 mm
D	80 mm
B	23 mm
d ₁	52.39 mm
D ₁	70.2 mm
r _{1,2} min.	1.1 mm
d _a min.	47 mm
D _a max.	73 mm



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r_a max.	1.1 mm
Basic dynamic load rating C	31.9 kN
Basic static load rating C_0	10 kN
Fatigue load limit P_u	0.51 kN
Reference speed	16000 r/min
Limiting speed	11000 r/min
Permissible angular misalignment	2.5 °
Calculation factor k_r	0.045
Calculation factor e	0.28
Calculation factor Y_0	2.5
Calculation factor Y_1	2.2
Calculation factor Y_2	3.5
Mass bearing	0.51 kg