



SNR Bearing Argentina



45 mm x 85 mm x 19 mm skf 209-Z Deep groove ball bearings

Bearing No. 209-Z

209-Z Bearing 2D drawings and 3D CAD models

Size	45x85x19 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	19 mm
d	45 mm
D	85 mm
B	19 mm
C	19 mm
d1	57,6 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
D2	75,2 mm
da min.	52 mm
da max	57,5 mm
Da max.	78 mm
ra max.	1 mm
Weight	0,44 Kg
Basic dynamic load rating (C)	35,2 kN
Basic static load rating (C0)	30 kN
Fatigue load limit (Pu)	1,27
Reference speed	14000 r/min
Limiting speed	8500 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.464
EAN	7316576679674
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	45MM Bore; 85MM Outside Diameter; 19MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	209 Z
Weight / LBS	0.99
Outside Diameter	3.346 Inch 85 Millimeter
Bore	1.772 Inch 45 Millimeter
Outer Race Width	0.748 Inch 19 Millimeter
bore diameter:	45 mm
static load capacity:	30 kN



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outside diameter:	85 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	19 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Single Shield
outer ring width:	19 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	8500 RPM
internal clearance:	C0
series:	20
dynamic load capacity:	35.2 kN
thrust application warning:	This product can not be used in Thrust Applications
d_1	57.6 mm
D_2	75.19 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	52 mm
d_a max.	57.5 mm
D_a max.	78 mm
r_a max.	1 mm
Basic dynamic load rating C	35.2 kN
Basic static load rating C_0	30 kN
Fatigue load limit P_u	1.27 kN
Calculation factor k_r	0.04
Mass bearing	0.44 kg