

208 SKF Da – max. 73 mm 80x40x18mm Deep groove ball bearings

Category	Single Row Ball Bearings
BDI Inventory	6.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.37
EAN	7316576679568
Product Group – BDI	B00308
Enclosure	Open
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	40MM Bore; 80MM Outside Diameter; 18MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Category – BDI	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	208
Weight / LBS	0.81
Outside Diameter	3.15 Inch 80 Millimeter
Outer Race Width	0.709 Inch 18 Millimeter
Bore	1.575 Inch 40 Millimeter
Bearing number	208
Size (mm)	80x40x18
Brand	SKF
Bore Diameter (mm)	80
Outer Diameter (mm)	40
Width (mm)	18
d	40 mm
D	80 mm
B	18 mm
d_1	52.6 mm
D_2	69.8 mm
$r_{1,2} - \text{min.}$	1.1 mm
$d_a - \text{min.}$	47 mm
$D_a - \text{max.}$	73 mm
$r_a - \text{max.}$	1 mm
Basic dynamic load rating – C	33.6 kN
Basic static load rating – C_0	27 kN
Fatigue load limit – P_u	1.2 kN
Reference speed	15000 r/min

Limiting speed	9500 r/min
Calculation factor – k_r	0.04
bore diameter:	40 mm
static load capacity:	27 kN
outside diameter:	80 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	18 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	18 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	9500 RPM
internal clearance:	C0
series:	20
dynamic load capacity:	33.6 kN
thrust application warning:	This product can not be used in Thrust Applications
$d_1 \approx$	52.6 mm
$D_2 \approx$	69.8 mm
$r_{1,2} \text{ min.}$	1.1 mm
$d_a \text{ min.}$	47 mm
$D_a \text{ max.}$	73 mm
$r_a \text{ max.}$	1 mm
Basic dynamic load rating C	33.6 kN

Basic static load rating C_0	27 kN
Fatigue load limit P_u	1.16 kN
Calculation factor k_r	0.04
Mass bearing	0.39 kg