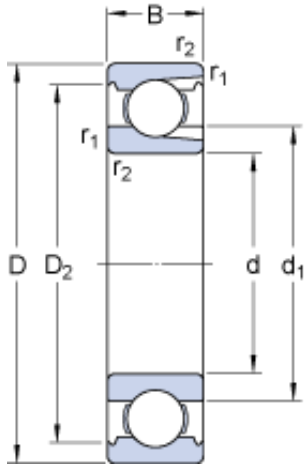




NTN Bearing Manufacturing



208 Bearing 2D drawings and 3D CAD models

SKF NJ 208 Ecp Bearing for for Large and Medium-Sized Electric Motor

Bearing No. 208

Size	80x40x18 mm
Bore Diameter	80 mm
Outer Diameter	40 mm
Width	18 mm
d	40 mm
D	80 mm
B	18 mm
d ₁	52.6 mm
D ₂	69.8 mm
r _{1,2} - min.	1.1 mm
d _a - min.	47 mm
D _a - max.	73 mm
r _a - 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
Category	Single Row Ball Bearings
Inventory	6.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.37



NTN Bearing Manufacturing

EAN	7316576679568
Product Group	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	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
bore diameter:	40 mm
static load capacity:	27 kN
outside diameter:	80 mm
precision rating:	ABEC 3 (ISO Class 6)



NTN Bearing Manufacturing

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	52.6 mm
D_2	69.8 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	47 mm
D_a max.	73 mm
r_a 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