206 SKF 62x30x16mm B 16 mm Deep groove ball bearings

Category	Single Row Ball Bearings
BDI Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.216
EAN	7316576679452
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	30MM Bore; 62MM Outside Diameter; 16MM 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	206
Weight / LBS	0.48
Outer Race Width	0.63 Inch | 16 Millimeter
Bore	1.181 Inch | 30 Millimeter
Outside Diameter	2.441 Inch | 62 Millimeter
Bearing number	206
Size (mm)	62x30x16
Brand	SKF
Bore Diameter (mm)	62
Outer Diameter (mm)	30
Width (mm)	16
d	30 mm
D	62 mm
B	16 mm
d_1	40.36 mm
D_2	54.06 mm
$r_{1,2}$ – min.	1 mm
d_a – min.	35.6 mm
D_a – max.	56.4 mm
r_a – max.	1 mm
Basic dynamic load rating – C	20.9 kN
Basic static load rating – C_0	16.3 kN
Fatigue load limit – P_u	0.695 kN
Reference speed	20000 r/min
Limiting speed	12000 r/min
Calculation factor – k_r	0.04

bore diameter:	30 mm
static load capacity:	16.3 kN
outside diameter:	62 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	16 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	16 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	12000 RPM
internal clearance:	C0
series:	20
dynamic load capacity:	20.9 kN
thrust application warning:	This product can not be used in Thrust Applications
$d_1 \approx$	40.36 mm
$D_2 \approx$	54.06 mm
$r_{1,2}$ min.	1 mm
d_a min.	35.6 mm
D_a max.	56.4 mm
r_a max.	1 mm
Basic dynamic load rating C	20.9 kN
Basic static load rating C_0	16.3 kN
Fatigue load limit P_u	0.695 kN

Calculation factor k_r	0.04
Mass bearing	0.21 kg