

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
$r_{1,2} - \text{min.}$	1 mm
$d_a - \text{min.}$	35.6 mm
$D_a - \text{max.}$	56.4 mm
$r_a - \text{max.}$	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
$r_{1,2} \text{ min.}$	1 mm
$d_a \text{ min.}$	35.6 mm
$D_a \text{ max.}$	56.4 mm
$r_a \text{ max.}$	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