

# 206-2Z SKF D2 $\approx$ 54.06 mm 30x62x16mm Deep groove ball bearings

Bearing number	206-2Z
Size (mm)	30x62x16
Brand	SKF
Bore Diameter (mm)	30
Outer Diameter (mm)	62
Width (mm)	16
d	30 mm
D	62 mm
B	16 mm
C	16 mm
d1	40.3 mm
r1 min.	1 mm
r2 min.	1 mm
D2	54.1 mm
da min.	35.6 mm
da max	40.2 mm
Da max.	56.4 mm
ra max.	1 mm
Weight	0.21 Kg
Basic dynamic load rating (C)	20.9 kN
Basic static load rating (C0)	16.3 kN
Fatigue load limit (Pu)	0.695
Reference speed	20000 r/min
Limiting speed	12000 r/min

Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.226
EAN	7316577292728
Product Group – BDI	B00308
Enclosure	2 Metal Shields
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; 2 Metal Shields; 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	<a href="http://www.skf.com">http://www.skf.com</a>

Manufacturer Item Number	206 2Z
Weight / LBS	0.48
Bore	1.181 Inch   30 Millimeter
Outer Race Width	0.63 Inch   16 Millimeter
Outside Diameter	2.441 Inch   62 Millimeter
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:	Double Shielded
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
$d_a \text{ max.}$	40.2 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