

# SKF BSA 203 C thrust ball bearings

SKF BSA 203 C thrust ball bearings, Units and Housings CAD models , Manufacturing Service 300x140x102 Size (mm) . Get Your Free.

Size (mm)	300x140x102
Bore Diameter (mm)	300
Outer Diameter (mm)	140
Width (mm)	102
d	140 mm
D	300 mm
B	102 mm
d2	175 mm
D1	247 mm
b	16.7 mm
K	9 mm
r1,2 – min.	4 mm
da – min.	157 mm
Da – max.	283 mm
ra – max.	3 mm
Basic dynamic load rating – C	1357 kN
Basic static load rating – C0	1560 kN
Fatigue load limit – Pu	132 kN
Reference speed	1700 r/min
Limiting speed	2200 r/min
Calculation factor – e	0.35
Calculation factor – Y1	1.9

Calculation factor – Y2	2.9
Calculation factor – Y0	1.8
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	37.208
EAN	7316576602313
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch – Metric	Metric
Long Description	140MM Straight Bore; 300MM Outside Diameter; 102MM Width; C0-Medium Clearance; Shaft Mount; Double R
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Weight / LBS	80.689
Outside Diameter	11.811 Inch   300 Millimeter
Width	4.016 Inch   102 Millimeter

Bore	5.512 Inch   140 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
bore diameter:	140 mm
maximum rpm:	2200 RPM
outside diameter:	300 mm
operating temperature range:	Maximum of +390 °F
overall width:	102 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	102 mm
dynamic load capacity:	1290 kN
fillet radius:	3 mm
static load capacity:	1560 kN
series:	223
d2 ≈	175 mm
D1 ≈	247 mm
r1,2 min.	4 mm
da min.	157 mm
Da max.	283 mm
ra max.	3 mm

Basic dynamic load rating C	1357 kN
Basic static load rating C <sub>0</sub>	1560 kN
Fatigue load limit P <sub>u</sub>	132 kN
Calculation factor e	0.35
Calculation factor Y <sub>1</sub>	1.9
Calculation factor Y <sub>2</sub>	2.9
Calculation factor Y <sub>0</sub>	1.8
Mass bearing	36.5 kg