



Bearing No. 6213-Z

D	120 mm
d	65 mm
B	23 mm
Bore	2.559 Inch 65 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	120x65x23
Snap Ring	No
Enclosure	1 Metal Shield
Inventory	0.0
Width (mm)	23
bore type:	Round
maximum rpm:	6000 RPM
Weight / LBS	2.3
Mass bearing	1.03 kg
D ₂	105.8 mm
Cage Material	Steel
closure type:	Single Shield
d ₁	83.3 mm
Inch - Metric	Metric
Product Group	B00308
fillet radius:	1.5 mm
cage material:	Steel
overall width:	23 mm
bore diameter:	65 mm
Keyword String	Ball
Bearing number	6213-Z

Limiting speed	7500 r/min
Precision Class	ABEC 1 ISO P0
Reference speed	12000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Outside Diameter	4.724 Inch 120 Millimeter
Long Description	65MM Bore; 120MM Outside Diameter; 23MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
Outer Race Width	0.906 Inch 23 Millimeter
outside diameter:	120 mm
Weight / Kilogram	1.043
outer ring width:	23 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Internal Clearance	C0-Medium
d _a min.	74 mm
d _a max.	83.2 mm
D _a max.	111 mm
Bore Diameter (mm)	120
r _a max.	1.5 mm
internal clearance:	C0
Outer Diameter (mm)	65
r _{1,2} min.	1.5 mm
D _a - max.	111 mm
Minimum Buy Quantity	N/A

d_a - min.	74 mm
r_a - max.	1.5 mm
d_a - max.	83.2 mm
d_1 ?	83.3 mm
D_2 ?	105.8 mm
static load capacity:	40.5 kN
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	58.5 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6213-Z
Internal Special Features	No
Basic dynamic load rating C	58.5 kN
Basic dynamic load rating - C	58.5 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.025
Calculation factor f_0	14.7
Fatigue load limit P_u	1.73 kN
Calculation factor - f_0	14.7
Calculation factor - k_r	0.025
Fatigue load limit - P_u	1.7 kN
Basic static load rating C_0	40.5 kN
Basic static load rating - C_0	40.5 kN