



USK BEARING COMPANY



100 mm x 180 mm x 34 mm skf 6220-2Z Deep groove ball bearings

Bearing No. 6220-2Z

6220-2Z Bearing 2D drawings and 3D CAD models

Size	180x100x34 mm
Bore Diameter	180 mm
Outer Diameter	100 mm
Width	34 mm
d	100 mm
D	180 mm
B	34 mm
d ₁	124.8 mm
D ₂	159.9 mm
r _{1,2} - min.	2.1 mm
d _a - min.	112 mm
d _a - max.	124 mm
D _a - max.	168 mm
r _a - max.	2 mm
Basic dynamic load rating - C	127 kN
Basic static load rating - C ₀	93 kN
Fatigue load limit - P _u	3.4 kN
Reference speed	7500 r/min
Limiting speed	3800 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14.4
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



USK BEARING COMPANY

Minimum Buy Quantity	N/A
Weight / Kilogram	3.312
EAN	7316576624698
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	100MM Bore; 180MM Outside Diameter; 34MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	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	6220-2Z
Weight / LBS	7.29
Outer Race Width	1.339 Inch 34 Millimeter
Bore	3.937 Inch 100 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
bore diameter:	100 mm
static load capacity:	93 kN



USK BEARING COMPANY

outside diameter:	180 mm
precision rating:	ABEC 1 (ISO Class Normal)
overall width:	34 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Shielded
outer ring width:	34 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
internal clearance:	C0
maximum rpm:	3800 RPM
dynamic load capacity:	127 kN
series:	62
d_1	124.8 mm
D_2	159.9 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	112 mm
d_a max.	124 mm
D_a max.	168 mm
r_a max.	2 mm
Basic dynamic load rating C	127 kN
Basic static load rating C_0	93 kN
Fatigue load limit P_u	3.35 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.4
Mass bearing	3.28 kg