13030 SKF 150x225x56mm Basic static load rating C0 23.6 kN Self aligning ball bearings

Bearing number	13030
Size (mm)	150x225x56
Brand	SKF
Bore Diameter (mm)	150
Outer Diameter (mm)	225
Width (mm)	56
d	150 mm
D	225 mm
B	56 mm
C	56 mm
b	8.3 mm
d2	175 mm
r1 min.	2.1 mm
r2 min.	2.1 mm
D1	203 mm
K	4.5 mm
da min.	161 mm
Da max.	214 mm
ra max.	2 mm
Weight	7.5 Kg
Basic dynamic load rating (C)	57.2 kN
Basic static load rating (C0)	23.6 kN
Fatigue load limit (Pu)	0.88
Reference speed	5600 r/min

Limiting speed	3400 r/min
Calculation factor (e)	0.24
Calculation factor (kr)	0.02
Calculation factor (Y0)	2.8
Calculation factor (Y1)	2.6
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.654
EAN	7316571593869
Product Group – BDI	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1 | ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg
Long Description	150MM Bore; Shaft Mount; 225MM Outside Diameter; 56MM Inner Race Width; 56MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 | ISO P0; C0-Medium
Inch – Metric	Metric
Category – BDI	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68

Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	13030
Weight / LBS	16.859
Bore	5.906 Inch | 150 Millimeter
Inner Race Width	2.205 Inch | 56 Millimeter
Outside Diameter	8.858 Inch | 225 Millimeter
Outer Race Width	2.205 Inch | 56 Millimeter
d_1 ≈	175.4 mm
D_1 ≈	203.7 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	161 mm
D_a max.	214 mm
r_a max.	2 mm
Basic dynamic load rating C	57.2 kN
Basic static load rating C_0	23.6 kN
Fatigue load limit P_u	0.88 kN
Permissible angular misalignment α	3 °
Calculation factor k_r	0.02
Calculation factor e	0.24
Calculation factor Y_0	2.8
Calculation factor Y_1	2.6
Calculation factor Y_2	4.1
Mass bearing	7.5 kg