

13940 SKF 200x280x60mm EAN 7316571591292 Self aligning ball bearings

Bearing number	13940
Size (mm)	200x280x60
Brand	SKF
Bore Diameter (mm)	200
Outer Diameter (mm)	280
Width (mm)	60
d	200 mm
D	280 mm
B	60 mm
C	60 mm
b	8.3 mm
d2	229 mm
r1 min.	2.1 mm
r2 min.	2.1 mm
D1	258 mm
K	4.5 mm
da min.	211 mm
Da max.	269 mm
ra max.	2 mm
Weight	10.7 Kg
Basic dynamic load rating (C)	60.5 kN
Basic static load rating (C0)	29 kN
Fatigue load limit (Pu)	0.97
Reference speed	4300 r/min

Limiting speed	2600 r/min
Calculation factor (e)	0.19
Calculation factor (kr)	0.015
Calculation factor (Y0)	3.6
Calculation factor (Y1)	3.3
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	10.911
EAN	7316571591292
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	200MM Bore; Shaft Mount; 280MM Outside Diameter; 60MM Inner Race Width; 60MM 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	13940
Weight / LBS	24.033
Inner Race Width	2.362 Inch 60 Millimeter
Outer Race Width	2.362 Inch 60 Millimeter
Bore	7.874 Inch 200 Millimeter
Outside Diameter	11.024 Inch 280 Millimeter
$d_1 \approx$	229.3 mm
$D_1 \approx$	257.8 mm
$r_{1,2} \text{ min.}$	2.1 mm
$d_a \text{ min.}$	211 mm
$D_a \text{ max.}$	269 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	60.5 kN
Basic static load rating C_0	29 kN
Fatigue load limit P_u	0.97 kN
Permissible angular misalignment α	3 °
Calculation factor k_r	0.015
Calculation factor e	0.19
Calculation factor Y_0	3.6
Calculation factor Y_1	3.3
Calculation factor Y_2	5.1
Mass bearing	10.7 kg