



Bearing No. 13940

b	8,3 mm
K	4,5 mm
d	200 mm
D	280 mm
B	60 mm
C	60 mm
d2	229 mm
D1	258 mm
Bore	7.874 Inch 200 Millimeter
Noun	Bearing
Weight	10,7 Kg
UNSPSC	31171532
r2 min.	2,1 mm
da min.	211 mm
Da max.	269 mm
ra max.	2 mm
r1 min.	2,1 mm
Category	Self Aligning Ball Bearings
Size (mm)	200x280x60
Enclosure	Open
Inventory	0.0
Width (mm)	60
Weight / LBS	24.033
Mass bearing	10.7 kg
Inch - Metric	Metric
Product Group	B00152
Cage Material	Steel
Bearing number	13940
Other Features	Allowable Misalignment

	3 Deg
Keyword String	Self Aligning
Limiting speed	2600 r/min
Precision Class	ABEC 1 ISO P0
Reference speed	4300 r/min
Mounting Method	Shaft
Rolling Element	Ball Bearing
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
Outer Race Width	2.362 Inch 60 Millimeter
Outside Diameter	11.024 Inch 280 Millimeter
Inner Race Width	2.362 Inch 60 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	10.911
Manufacturer Name	SKF
Internal Clearance	C0-Medium
D _a max.	269 mm
d _a min.	211 mm
r _a max.	2 mm
Bore Diameter (mm)	200
Outer Diameter (mm)	280
r _{1,2} min.	2.1 mm
Minimum Buy Quantity	N/A
Calculation factor e	0.19
d ₁ ?	229.3 mm
	257.8 mm

D¹ ?

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Calculation factor (e)	0,19
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (Pu)	0,97
Calculation factor (Y1)	3,3
Calculation factor (kr)	0,015
Number of Rows of Balls	Double Row
Calculation factor (Y0)	3,6
Manufacturer Item Number	13940
Basic dynamic load rating C	60.5 kN
Basic static load rating (C0)	29 kN
Basic dynamic load rating (C)	60,5 kN
Fatigue load limit P _u	0.97 kN
Calculation factor k _r	0.015
Calculation factor Y ₀	3.6
Calculation factor Y ₁	3.3
Calculation factor Y ₂	5.1
Permissible angular misalignment ?	3 °
Basic static load rating C ₀	29 kN