



PFG BEARING LIMITED



85 mm x 180 mm x 41 mm skf 6317 bearing

Bearing No. 6317

6317 Bearing 2D drawings and 3D CAD models

Size	180x85x41 mm
Bore Diameter	180 mm
Outer Diameter	85 mm
Width	41 mm
d	85 mm
D	180 mm
B	41 mm
d ₁	114.55 mm
D ₂	155.4 mm
r _{1,2} - min.	3 mm
d _a - min.	99 mm
D _a - max.	166 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	140 kN
Basic static load rating - C ₀	96.5 kN
Fatigue load limit - P _u	3.6 kN
Reference speed	8000 r/min
Limiting speed	5000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.3
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.3



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Product Group	B00308
Enclosure	Open
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	85MM Bore; 180MM Outside Diameter; 41MM Outer Race Diameter; Open; 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	6317
Weight / LBS	9.46
Outer Race Width	1.614 Inch 41 Millimeter
Bore	3.346 Inch 85 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
d ₁	114.55 mm
D ₂	155.4 mm
r _{1,2} min.	3 mm
d _a min.	99 mm
D _a max.	166 mm



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r_a max.	2.5 mm
Basic dynamic load rating C	140 kN
Basic static load rating C_0	96.5 kN
Fatigue load limit P_u	3.55 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.3
Mass bearing	4.25 kg