



Bearing No. 6317

D	180 mm
d	85 mm
B	41 mm
Bore	3.346 Inch 85 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	1.0
Enclosure	Open
Size (mm)	180x85x41
Snap Ring	No
Width (mm)	41
Mass bearing	4.25 kg
Weight / LBS	9.46
Inch - Metric	Metric
Cage Material	Steel
D ₂	155.4 mm
d ₁	114.55 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6317
Limiting speed	5000 r/min
Reference speed	8000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	7.087 Inch 180 Millimeter
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
Outer Race Width	1.614 Inch 41 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	4.3
Internal Clearance	C0-Medium
d_a min.	99 mm
Bore Diameter (mm)	180
D_a max.	166 mm
r_a max.	2.5 mm
Outer Diameter (mm)	85
$r_{1,2}$ min.	3 mm
r_a - max.	2.5 mm
d_a - min.	99 mm
D_a - max.	166 mm
Minimum Buy Quantity	N/A
d_1 ?	114.55 mm
D_2 ?	155.4 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6317
Internal Special Features	No
Basic dynamic load rating C	140 kN
Basic dynamic load rating - C	140 kN
Maximum Capacity / Filling Slot	No
	3.55 kN

Fatigue load limit P^u

Calculation factor k_r	0.03
Calculation factor f_0	13.3
Calculation factor - k_r	0.03
Fatigue load limit - P_u	3.6 kN
Calculation factor - f_0	13.3
Basic static load rating C_0	96.5 kN
Basic static load rating - C_0	96.5 kN