



**Bearing No. 6317-Z**

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	0.0
Enclosure	1 Metal Shield
Size (mm)	180x85x41
Snap Ring	No
Width (mm)	41
Mass bearing	4.29 kg
Weight / LBS	9.48
Inch - Metric	Metric
Cage Material	Steel
D <sub>2</sub>	155.4 mm
d <sub>1</sub>	114.55 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6317-Z
Limiting speed	5000 r/min
Reference speed	8000 r/min
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	85MM Bore; 180MM Outside Diameter; 41MM Outer Race Diameter; 1 Metal

	Shield; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	1.614 Inch   41 Millimeter
Outside Diameter	7.087 Inch   180 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	4.3
Internal Clearance	C0-Medium
$d_a$ max.	114.9 mm
$d_a$ min.	99 mm
$D_a$ max.	166 mm
Bore Diameter (mm)	180
$r_a$ max.	2.5 mm
Outer Diameter (mm)	85
$r_{1,2}$ min.	3 mm
$D_a$ - max.	166 mm
$d_a$ - min.	99 mm
$d_a$ - max.	114.9 mm
$r_a$ - max.	2.5 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-Z
Internal Special Features	No
Basic dynamic load rating C	140 kN
Basic dynamic load	140 kN

rating - C	
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	3.55 kN
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
Basic static load rating $C_0$	96.5 kN
Basic static load rating - $C_0$	96.5 kN