



**Bearing No. 6317-2RS1**

D	180 mm
d	85 mm
B	41 mm
Bore	3.346 Inch   85 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	180x85x41
Enclosure	2 Seals
Inventory	0.0
Width (mm)	41
Weight / LBS	9.6004
Mass bearing	4.36 kg
Product Group	B00308
d <sub>1</sub>	114.55 mm
D <sub>2</sub>	155.4 mm
Inch - Metric	Metric
Cage Material	Steel
Bearing number	6317-2RS1
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove   NBR Seal
Limiting speed	2400 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 Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Outer Race Width	1.614 Inch   41 Millimeter
Outside Diameter	7.087 Inch   180 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	4.359
r <sub>a</sub> max.	2.5 mm
Internal Clearance	C0-Medium
D <sub>a</sub> max.	166 mm
d <sub>a</sub> max.	114.9 mm
d <sub>a</sub> min.	99 mm
Bore Diameter (mm)	180
Outer Diameter (mm)	85
r <sub>a</sub> - max.	2.5 mm
r <sub>1,2</sub> min.	3 mm
D <sub>a</sub> - max.	166 mm
d <sub>a</sub> - min.	99 mm
d <sub>a</sub> - max.	114.9 mm
Minimum Buy Quantity	N/A
d <sub>1</sub> ?	114.55 mm
D <sub>2</sub> ?	155.4 mm
r <sub>1,2</sub> - min.	3 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6317-2RS1
Internal Special Features	No

Basic dynamic load rating C	140 kN
Basic dynamic load rating - C	140 kN
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
Fatigue load limit - $P_u$	3.6 kN
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	13.3
Basic static load rating $C_0$	96.5 kN
Basic static load rating - $C_0$	96.5 kN