



**Bearing No. 6313-Z**

D	140 mm
d	65 mm
B	33 mm
Bore	2.559 Inch   65 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Size (mm)	140x65x33
Snap Ring	No
Width (mm)	33
Mass bearing	2.13 kg
Weight / LBS	4.688
Inch - Metric	Metric
Cage Material	Steel
D <sub>2</sub>	121.3 mm
d <sub>1</sub>	88.35 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6313-Z
Limiting speed	6700 r/min
Rolling Element	Ball Bearing
Reference speed	10000 r/min
Precision Class	ABEC 1   ISO P0
Outer Race Width	1.299 Inch   33 Millimeter
Inner Race Width	0 Inch   0 Millimeter

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	65MM Bore; 140MM Outside Diameter; 33MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Outside Diameter	5.512 Inch   140 Millimeter
Weight / Kilogram	2.128
Manufacturer Name	SKF
D <sub>a</sub> max.	128 mm
Bore Diameter (mm)	140
d <sub>a</sub> max.	88.3 mm
Internal Clearance	C0-Medium
r <sub>a</sub> max.	2 mm
d <sub>a</sub> min.	77 mm
Outer Diameter (mm)	65
r <sub>a</sub> - max.	2 mm
D <sub>a</sub> - max.	128 mm
d <sub>a</sub> - min.	77 mm
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	2.1 mm
d <sub>a</sub> - max.	88.3 mm
D <sub>2</sub> ?	121.3 mm
d <sub>1</sub> ?	88.35 mm
r <sub>1,2</sub> - min.	2.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6313-Z
Internal Special Features	No

Basic dynamic load rating C	97.5 kN
Basic dynamic load rating - C	97.5 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	2.5 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.2
Calculation factor - $k_r$	0.03
Fatigue load limit - $P_u$	2.5 kN
Calculation factor - $f_0$	13.2
Basic static load rating $C_0$	60 kN
Basic static load rating - $C_0$	60 kN