



Bearing No. 6313

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	2.0
Enclosure	Open
Size (mm)	140x65x33
Snap Ring	No
Width (mm)	33
Mass bearing	2.11 kg
Weight / LBS	4.66
Inch - Metric	Metric
Cage Material	Steel
D ₂	121.3 mm
d ₁	88.35 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6313
Limiting speed	6700 r/min
Reference speed	10000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	5.512 Inch 140 Millimeter
Long Description	65MM Bore; 140MM Outside Diameter;

	33MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	1.299 Inch 33 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	2.12
Internal Clearance	C0-Medium
d_a min.	77 mm
Bore Diameter (mm)	140
D_a max.	128 mm
r_a max.	2 mm
Outer Diameter (mm)	65
$r_{1,2}$ min.	2.1 mm
r_a - max.	2 mm
d_a - min.	77 mm
D_a - max.	128 mm
Minimum Buy Quantity	N/A
d_1 ?	88.35 mm
D_2 ?	121.3 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2.1 mm
Manufacturer Item Number	6313
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
	2.5 kN

Fatigue load limit P^u

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