



Bearing No. 6313-2Z

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	2 Metal Shields
Size (mm)	140x65x33
Snap Ring	No
Width (mm)	33
Mass bearing	2.16 kg
Weight / LBS	4.85
Inch - Metric	Metric
Cage Material	Steel
D ₂	121.3 mm
d ₁	88.35 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6313-2Z
Limiting speed	5300 r/min
Reference speed	10000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Long Description	65MM Bore; 140MM Outside Diameter; 33MM Outer Race Diameter; 2 Metal

	Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	1.299 Inch 33 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	2.2
Internal Clearance	C0-Medium
d_a max.	88.3 mm
d_a min.	77 mm
D_a max.	128 mm
Bore Diameter (mm)	140
r_a max.	2 mm
Outer Diameter (mm)	65
$r_{1,2}$ min.	2.1 mm
D_a - max.	128 mm
d_a - min.	77 mm
d_a - max.	88.3 mm
r_a - max.	2 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	6313-2Z
Internal Special Features	No
Basic dynamic load rating C	97.5 kN
Basic dynamic load	97.5 kN

rating - C	
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