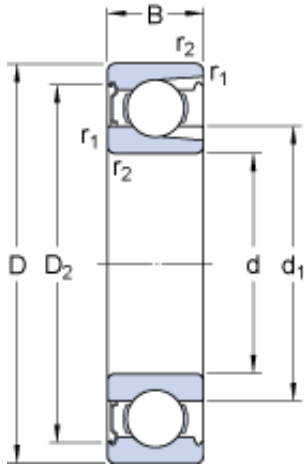




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313-Z Bearing 2D drawings and 3D CAD models

SKF 313-Z deep groove ball bearings

Bearing No. 313-Z

Size	140x65x33 mm
Bore Diameter	140 mm
Outer Diameter	65 mm
Width	33 mm
d	65 mm
D	140 mm
B	33 mm
d ₁	88.35 mm
D ₂	121.3 mm
r _{1,2} - min.	2.1 mm
d _a - min.	77 mm
d _a - max.	88.2 mm
D _a - max.	128 mm
r _a - max.	2 mm
Basic dynamic load rating - C	102 kN
Basic static load rating - C ₀	90 kN
Fatigue load limit - P _u	3.8 kN
Reference speed	9000 r/min
Limiting speed	5300 r/min
Calculation factor - k _r	0.05
Category	Single Row Ball Bearings
Inventory	4.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.326



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EAN	7316576680663
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	65MM Bore; 140MM Outside Diameter; 33MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	313 Z
Weight / LBS	5.1
Outer Race Width	1.299 Inch 33 Millimeter
Bore	2.559 Inch 65 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
bore diameter:	65 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	140 mm
finish/coating:	Uncoated



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overall width:	33 mm
cage material:	Steel
bore type:	Round
outer ring width:	33 mm
closure type:	Single Shield
fillet radius:	2 mm
row type & fill slot:	Single Row Filling Slot
maximum rpm:	5300 RPM
internal clearance:	C0
series:	31
dynamic load capacity:	102 kN
thrust application warning:	This product can not be used in Thrust Applications
static load capacity:	90 kN
d_1	88.35 mm
D_2	121.3 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	77 mm
d_a max.	88.2 mm
D_a max.	128 mm
r_a max.	2 mm
Basic dynamic load rating C	102 kN
Basic static load rating C_0	90 kN
Fatigue load limit P_u	3.75 kN
Calculation factor k_r	0.05
Mass bearing	2.3 kg