



Bearing No. 6411

D	140 mm
d	55 mm
B	33 mm
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	64
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	140x55x33
Snap Ring	No
Width (mm)	33
bore type:	Round
Weight / LBS	5.2
Mass bearing	2.35 kg
maximum rpm:	7000 RPM
closure type:	Open
D ₁	113.15 mm
d ₁	81.58 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	55 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	2 mm
overall width:	33 mm
Bearing number	6411

Limiting speed	7000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	11000 r/min
Outside Diameter	5.512 Inch 140 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.299 Inch 33 Millimeter
Long Description	55MM 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
Manufacturer Name	SKF
Weight / Kilogram	2.36
outer ring width:	33 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	140 mm
Internal Clearance	C0-Medium
D _a max.	126 mm
Bore Diameter (mm)	140
d _a min.	69 mm
r _a max.	2 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	55
Minimum Buy Quantity	N/A
r _a - max.	2 mm
D _a - max.	126 mm

d_a - min.	69 mm
$r_{1,2}$ min.	2.1 mm
static load capacity:	62 kN
d_1 ?	81.58 mm
D_1 ?	113.15 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	99.5 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2.1 mm
Manufacturer Item Number	6411
Internal Special Features	No
Basic dynamic load rating C	99.5 kN
Basic dynamic load rating - C	99.5 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.6 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.1
Fatigue load limit - P_u	2.6 kN
Calculation factor - k_r	0.035
Calculation factor - f_0	12.1
Basic static load rating C_0	62 kN
Basic static load rating - C_0	62 kN