



Shenzhen YUYING Bearing Co., Ltd.



6320 Bearing 2D drawings and 3D CAD models

SKF Timken NTN Deep Groove Ball Bearing Types of Bearings 6320 Bearing

Bearing No. 6320

Size	215x100x47 mm
Bore Diameter	215 mm
Outer Diameter	100 mm
Width	47 mm
d	100 mm
D	215 mm
B	47 mm
d ₁	135,85 mm
d ₂	mm
D ₂	183,8 mm
r _{1,2} - min.	3 mm
d _a - min.	114 mm
D _a - max.	201 mm
r _a - max.	2,5 mm
Basic dynamic load rating - C	174 kN
Basic static load rating - C ₀	140 kN
Fatigue load limit - P _u	4,8 kN
Reference speed	6700 r/min
Limiting speed	4300 r/min
Calculation factor - k _r	0,03
Calculation factor - f ₀	13,2
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	7.116
EAN	7316577044518
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	100MM Bore; 215MM Outside Diameter; 47MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove
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	6320
Weight / LBS	15.674
Outside Diameter	8.465 Inch 215 Millimeter
Bore	3.937 Inch 100 Millimeter
Outer Race Width	1.85 Inch 47 Millimeter



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Inner Race Width	0 Inch 0 Millimeter
bore diameter:	100 mm
static load capacity:	140 kN
outside diameter:	215 mm
finish/coating:	Uncoated
overall width:	47 mm
bearing material:	Steel
bore type:	Round
cage material:	Steel
closure type:	Open
fillet radius:	3 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	6700 rpm
snap ring included:	Without Snap Ring
weight:	15.6 lbs
internal clearance:	C0
manufacturer product page:	Click here
operating temperature range:	Max 250 ° F
manufacturer upc number:	7316577044518
dynamic load capacity:	174 kN
d_1	135.85 mm
D_2	183.8 mm
$r_{1,2}$ min.	3 mm
d_a min.	114 mm
D_a max.	201 mm
r_a max.	2.5 mm
Basic dynamic load rating C	174 kN
Basic static load rating C_0	140 kN
Fatigue load limit P_u	4.75 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Mass bearing	7.08 kg



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