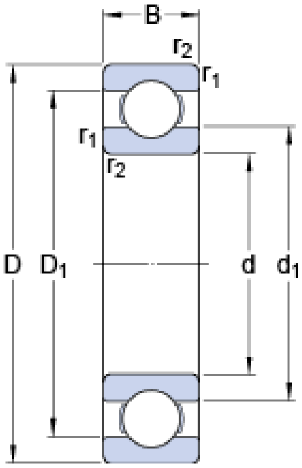
PRECISION BEARING CORP.



6324 Bearing 2D drawings and 3D CAD models

120 mm x 260 mm x 55 mm skf 6324 bearing

Bearing No. 6324

Size	260x120x55 mm
Bore Diameter	260 mm
Outer Diameter	120 mm
Width	55 mm
d	120 mm
D	260 mm
B	55 mm
d_1	164.6 mm
D_1	214.7 mm
$r_{1,2}$ - min.	3 mm
d_a - min.	134 mm
D_a - max.	246 mm
r_a - max.	2.5 mm
Basic dynamic load rating - C	208 kN
Basic static load rating - C_0	186 kN
Fatigue load limit - P_u	5.7 kN
Reference speed	5600 r/min
Limiting speed	3400 r/min
Calculation factor - k_r	0.03
Calculation factor - f_0	13.5
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	12.649

PRECISION BEARING CORP.

EAN	7316577297983
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	120MM Bore; 260MM Outside Diameter; 55MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 | ISO P0; No 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	6324
Weight / LBS	27.861
Outer Race Width	2.165 Inch | 55 Millimeter
Bore	4.724 Inch | 120 Millimeter
Outside Diameter	10.236 Inch | 260 Millimeter
bore diameter:	120 mm
static load capacity:	186 kN
outside diameter:	260 mm
precision rating:	Not Rated

overall width:	55 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	55 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	3400 RPM
internal clearance:	C0
series:	63
dynamic load capacity:	208 kN
$d_1 \approx$	164.6 mm
$D_1 \approx$	214.7 mm
$r_{1,2}$ min.	3 mm
d_a min.	134 mm
D_a max.	246 mm
r_a max.	2.5 mm
Basic dynamic load rating C	208 kN
Basic static load rating C_0	186 kN
Fatigue load limit P_u	5.7 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.5
Mass bearing	12.7 kg