



Bearing No. 6324/HC5C3S0VA970

D	260 mm
d	120 mm
B	55 mm
Bore	4.724 Inch 120 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	260x120x55
Snap Ring	No
Width (mm)	55
Mass bearing	12.3 kg
Weight / LBS	12.5
Inch - Metric	Metric
Cage Material	Steel
D ₁	215.7 mm
d ₁	175.5 mm
Product Group	B00308
Other Features	Deep Groove Hybrid Silicon Nitride Rolling Element Wind Turbine Application
Keyword String	Ball
Bearing number	6324/HC5C3S0VA970
Limiting speed	4000 r/min
Rolling Element	Ball Bearing
Reference speed	7000 r/min
Precision Class	ABEC 1 ISO P0
Long Description	120MM Bore; 260MM

	Outside Diameter; 55MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Silicon Nitride Rolling Element Electrical Insulated Internal Special F
Manufacturer URL	http://www.skf.com
Outer Race Width	2.165 Inch 55 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	10.236 Inch 260 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0
r _a max.	2.5 mm
D _a max.	246 mm
d _a min.	134 mm
Bore Diameter (mm)	260
Internal Clearance	C3-Loose
Outer Diameter (mm)	120
r _a - max.	2.5 mm
D _a - max.	246 mm
d _a - min.	134 mm
r _{1,2} min.	3 mm
Minimum Buy Quantity	N/A
d ₁ ?	175.5 mm
D ₁ ?	215.7 mm
r _{1,2} - min.	3 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	Silicon Nitride Rolling Element Electrical Insulated
Basic dynamic load	165 kN

rating C	
Basic dynamic load rating - C	165 kN
Maximum Capacity / Filling Slot	No
Calculation factor f_0	14.9
Calculation factor k_r	0.03
Fatigue load limit P_u	4.55 kN
Calculation factor - k_r	0.03
Fatigue load limit - P_u	4.6 kN
Calculation factor - f_0	14.9
Basic static load rating C_0	150 kN
Basic dynamic load rating - effective C	201 kN
Basic static load rating - C_0	150 kN
Basic static load rating - effective C_0	200 kN
Basic dynamic load rating - effective - C_{eff}	201 kN
Basic static load rating - effective - $C_{0\,eff}$	200 kN