



Bearing No. 6322/HC5C3S0VA970

D	240 mm
d	110 mm
B	50 mm
Bore	4.331 Inch 110 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	240x110x50
Snap Ring	No
Width (mm)	50
Mass bearing	9.11 kg
Weight / LBS	9.1
Inch - Metric	Metric
Cage Material	Steel
D ₁	197.8 mm
d ₁	160.5 mm
Product Group	B00308
Other Features	Deep Groove Hybrid Silicon Nitride Rolling Element Wind Turbine Application
Keyword String	Ball
Bearing number	6322/HC5C3S0VA970
Limiting speed	4300 r/min
Rolling Element	Ball Bearing
Reference speed	8000 r/min
Precision Class	ABEC 1 ISO P0
Long Description	110MM Bore; 240MM

	Outside Diameter; 50MM 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	1.969 Inch 50 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	9.449 Inch 240 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0
r_a max.	2.5 mm
D_a max.	226 mm
d_a min.	124 mm
Bore Diameter (mm)	240
Internal Clearance	C3-Loose
Outer Diameter (mm)	110
r_a - max.	2.5 mm
D_a - max.	226 mm
d_a - min.	124 mm
$r_{1,2}$ min.	3 mm
Minimum Buy Quantity	N/A
d_1 ?	160.5 mm
D_1 ?	197.8 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	163 kN

rating C	
Basic dynamic load rating - C	156 kN
Maximum Capacity / Filling Slot	No
Calculation factor f_0	14.5
Calculation factor k_r	0.03
Fatigue load limit P_u	4.15 kN
Calculation factor - k_r	0.03
Fatigue load limit - P_u	4.2 kN
Calculation factor - f_0	14.5
Basic static load rating C_0	132 kN
Basic dynamic load rating - effective C	197 kN
Basic static load rating - C_0	132 kN
Basic static load rating - effective C_0	175 kN
Basic dynamic load rating - effective - C_{eff}	188 kN
Basic static load rating - effective - $C_{0\,eff}$	175 kN