



Bearing No. 6328/HC5C3S0VA970

D	300 mm
d	140 mm
B	62 mm
Bore	5.512 Inch 140 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	300x140x62
Snap Ring	No
Width (mm)	62
Mass bearing	15.6 kg
Weight / LBS	15.5
Inch - Metric	Metric
Cage Material	Steel
D ₁	249.1 mm
d ₁	189.95 mm
Product Group	B00308
Other Features	Deep Groove Hybrid Silicon Nitride Rolling Element Wind Turbine Application
Keyword String	Ball
Bearing number	6328/HC5C3S0VA970
Limiting speed	3600 r/min
Rolling Element	Ball Bearing
Reference speed	6300 r/min
Precision Class	ABEC 1 ISO P0
Inner Race Width	0 Inch 0 Millimeter

Outer Race Width	2.441 Inch 62 Millimeter
Long Description	140MM Bore; 300MM Outside Diameter; 62MM 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
Outside Diameter	11.811 Inch 300 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0
Internal Clearance	C3-Loose
d _a min.	157 mm
Bore Diameter (mm)	300
D _a max.	283 mm
r _a max.	3 mm
Outer Diameter (mm)	140
r _{1,2} min.	4 mm
d _a - min.	157 mm
D _a - max.	283 mm
Minimum Buy Quantity	N/A
r _a - max.	3 mm
d ₁ ?	190.6 mm
D ₁ ?	249.1 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	Silicon Nitride Rolling Element Electrical Insulated
Basic dynamic load rating C	251 kN

Basic dynamic load rating - C	251 kN
Maximum Capacity / Filling Slot	No
Calculation factor f_0	13.6
Calculation factor k_r	0.03
Fatigue load limit P_u	7.1 kN
Fatigue load limit - P_u	7.1 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	13.6
Basic static load rating C_0	245 kN
Basic dynamic load rating - effective C	266 kN
Basic static load rating - C_0	245 kN
Basic static load rating - effective C_0	266 kN
Basic dynamic load rating - effective - C_{eff}	266 kN
Basic static load rating - effective - $C_{0\ eff}$	266 kN