



NTPT NTK BEARINGS CO.,LTD.



6212/HC5C3 Bearing 2D drawings and 3D CAD models

6212/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6212/HC5C3

Size	110x60x22 mm
Bore Diameter	110 mm
Outer Diameter	60 mm
Width	22 mm
d	60 mm
D	110 mm
B	22 mm
d ₁	75.5 mm
D ₂	98 mm
d _a - min.	69 mm
D _a - max.	101 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	55.3 kN
Basic static load rating - C ₀	36 kN
Fatigue load limit - P _u	1.5 kN
Reference speed	17000 r/min
Limiting speed	9500 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14.3
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.752



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Product Group	B00308
Enclosure	Open
Precision Class	ABEC 3 ISO P6
Material - Ball	Ceramic
Number of Bearings	1 (Single)
Contact Angle	0 Degree
Preload	None
Raceway Style	Not Applicable
Cage Material	Steel
Rolling Element	Ball Bearing
Flush Ground	No
Inch - Metric	Metric
Other Features	Single Row Deep Groove Corrosion Resistant Ball C3 Clearance
Long Description	60MM Bore; 110MM Outside Diameter; 22MM Width; Open Enclosure; ABEC 3 ISO P6 Precision; Ceramic Ball Material; 1 (Single) Bearings; 0 Degree Contact Angle; Steel Cage Material; Ball Bearing
Category	Precision Ball Bearings
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Deep Groove Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6212/HC5C3
Weight / LBS	1.658
Bore	2.362 Inch 60 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
Width	0.866 Inch 22 Millimeter
d ₁	75.5 mm



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D_2	98 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	69 mm
D_a max.	101 mm
r_a max.	1.5 mm
Basic dynamic load rating C	55.3 kN
Basic static load rating C_0	36 kN
Fatigue load limit P_u	1.53 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.3
Mass bearing	0.78 kg