



Toyana Bearing Manufacturing of Canada



6305 Bearing 2D drawings and 3D CAD models

SKF 6305 Bearing

Bearing No. 6305

Size	62x25x17 mm
Bore Diameter	62 mm
Outer Diameter	25 mm
Width	17 mm
d	25 mm
D	62 mm
B	17 mm
d ₁	36.6 mm
D ₂	52.7 mm
r _{1,2} - min.	1.1 mm
d _a - min.	32 mm
D _a - max.	55 mm
r _a - max.	1 mm
Basic dynamic load rating - C	23.4 kN
Basic static load rating - C ₀	11.6 kN
Fatigue load limit - P _u	0.49 kN
Reference speed	24000 r/min
Limiting speed	16000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	12
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.227



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EAN	7316577068361
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	25MM Bore; 62MM Outside Diameter; 17MM 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	6305
Weight / LBS	0.5
Bore	0.984 Inch 25 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
d ₁	36.6 mm
D ₂	52.7 mm
d _a min.	32 mm
D _a max.	55 mm



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r_a max.	1 mm
Basic dynamic load rating C	23.4 kN
Basic static load rating C_0	11.6 kN
Fatigue load limit P_u	0.49 kN
Calculation factor k_r	0.03
Calculation factor f_0	12
Mass bearing	0.23 kg