



Bearing No. 6305

D	62 mm
d	25 mm
B	17 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	1.0
Enclosure	Open
Size (mm)	62x25x17
Snap Ring	No
Width (mm)	17
Mass bearing	0.23 kg
Weight / LBS	0.5
Inch - Metric	Metric
Cage Material	Steel
D ₂	52.7 mm
d ₁	36.6 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6305
Limiting speed	16000 r/min
Reference speed	24000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.skf.com
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
Outside Diameter	2.441 Inch 62 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
Weight / Kilogram	0.227
Manufacturer Name	SKF
D _a max.	55 mm
r _a max.	1 mm
Bore Diameter (mm)	62
Internal Clearance	C0-Medium
d _a min.	32 mm
Outer Diameter (mm)	25
d _a - min.	32 mm
r _a - max.	1 mm
D _a - max.	55 mm
Minimum Buy Quantity	N/A
d ₁ ?	36.6 mm
D ₂ ?	52.7 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	1.1 mm
Manufacturer Item Number	6305
Internal Special Features	No
Basic dynamic load rating C	23.4 kN
Basic dynamic load rating - C	23.4 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	0.49 kN

Calculation factor k_f	0.03
Calculation factor f_0	12
Calculation factor - k_f	0.03
Fatigue load limit - P_u	0.49 kN
Calculation factor - f_0	12
Basic static load rating C_0	11.6 kN
Basic static load rating - C_0	11.6 kN