



Bearing No. 6305-2Z

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	0.0
Enclosure	2 Metal Shields
Size (mm)	62x25x17
Snap Ring	No
Width (mm)	17
Mass bearing	0.23 kg
Weight / LBS	0.52
Inch - Metric	Metric
Cage Material	Steel
D ₂	52.7 mm
d ₁	36.6 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6305-2Z
Limiting speed	13000 r/min
Rolling Element	Ball Bearing
Reference speed	24000 r/min
Precision Class	ABEC 1 ISO P0
Outside Diameter	2.441 Inch 62 Millimeter
Manufacturer URL	http://www.skf.com

Inner Race Width	0 Inch 0 Millimeter
Long Description	25MM Bore; 62MM Outside Diameter; 17MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Outer Race Width	0.669 Inch 17 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.237
D _a max.	55 mm
d _a max.	36.5 mm
d _a min.	32 mm
r _a max.	1 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	62
Outer Diameter (mm)	25
r _a - max.	1 mm
D _a - max.	55 mm
d _a - max.	36.5 mm
d _a - min.	32 mm
Minimum Buy Quantity	N/A
d ₁ ?	36.6 mm
D ₂ ?	52.7 mm
r _{1,2} - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6305-2Z
Internal Special Features	No
Basic dynamic load	23.4 kN

rating C	
Basic dynamic load rating - C	23.4 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.49 kN
Calculation factor k_r	0.03
Calculation factor f_0	12
Calculation factor - k_r	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