



Bearing No. 6305-2ZNR

D	62 mm
d	25 mm
B	17 mm
b	1.9 mm
C	3.28 mm
f	1.7 mm
Noun	Bearing
Bore	0.984 Inch 25 Millimeter
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Snap ring	SP 62
Snap Ring	Yes
Inventory	0.0
Size (mm)	62x25x17
Enclosure	2 Metal Shields
Width (mm)	17
bore type:	Round
Weight / LBS	0.52
maximum rpm:	13000 RPM
Mass bearing	0.244 kg
r ₀	0.6 mm
Product Group	B00308
closure type:	Double Shielded
D ₄	67.7 mm
Cage Material	Steel
D ₃	59.61 mm
D ₄	67.7 mm
D ₃	59.61 mm

D ₂	52.7 mm
d ₁	36.6 mm
Inch - Metric	Metric
Keyword String	Ball
bore diameter:	25 mm
overall width:	17 mm
cage material:	Steel
fillet radius:	1 mm
Bearing number	6305-2ZNR
Other Features	Deep Groove With Snap Ring
Limiting speed	13000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Reference speed	24000 r/min
Manufacturer URL	http://www.skf.com
Outside Diameter	2.441 Inch 62 Millimeter
Long Description	25MM Bore; 62MM Outside Diameter; 17MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Ste
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
outer ring width:	17 mm
precision rating:	Not Rated
outside diameter:	62 mm

Weight / Kilogram	0.249
Manufacturer Name	SKF
d _a min.	32 mm
r ₀ max.	0.6 mm
r _a max.	1 mm
C _a max.	4.98 mm
b _a min.	2.2 mm
D _b min.	69 mm
D _a max.	55 mm
d _a max.	36.5 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	62
Outer Diameter (mm)	25
internal clearance:	C0
snap ring included:	With Snap Ring
r _{1,2} min.	1.1 mm
d _a - max.	36.5 mm
d _a - min.	32 mm
D _b - min.	69 mm
Minimum Buy Quantity	N/A
D _a - max.	55 mm
r _a - max.	1 mm
C _a - max.	4.98 mm
b _a - min.	2.2 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	11.6 kN
D ₂ ?	52.7 mm
d ₁ ?	36.6 mm
dynamic load capacity:	23.4 kN
r _{1,2} - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6305-2ZNR

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