



# KRS Guide Wheel Bearing Co., Ltd



## 25 mm x 62 mm x 17 mm SKF 305-2Z deep groove ball bearings

Bearing No. 305-2Z

305-2Z Bearing 2D drawings and 3D CAD models

Size	25x62x17 mm
Bore Diameter	25 mm
Outer Diameter	62 mm
Width	17 mm
d	25 mm
D	62 mm
B	17 mm
C	17 mm
d1	36,6 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
D2	52,7 mm
da min.	32 mm
da max	32,7 mm
Da max.	55 mm
ra max.	1 mm
Weight	0,24 Kg
Basic dynamic load rating (C)	22,9 kN
Basic static load rating (C0)	15,6 kN
Fatigue load limit (Pu)	0,67
Reference speed	20000 r/min
Limiting speed	13000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.239
EAN	7316577611444
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	Yes
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; 2 Metal Shields; Ball Bearing; ABEC 1   ISO P0; Yes 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	305 2Z
Weight / LBS	0.57
Bore	0.984 Inch   25 Millimeter
Outside Diameter	2.441 Inch   62 Millimeter
Outer Race Width	0.669 Inch   17 Millimeter
bore diameter:	25 mm
static load capacity:	15.6 kN



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outside diameter:	62 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	17 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Shielded
outer ring width:	17 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	13000 RPM
internal clearance:	C0
series:	30
dynamic load capacity:	22.9 kN
thrust application warning:	This product can not be used in Thrust Applications
$D_2$	52.7 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	32 mm
$d_a$ max.	32.7 mm
$D_a$ max.	55 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	22.9 kN
Basic static load rating $C_0$	15.6 kN
Fatigue load limit $P_u$	0.67 kN
Calculation factor $k_r$	0.05
Mass bearing	0.24 kg