



**Bearing No. 6305-2RZ**

D	62 mm
d	25 mm
B	17 mm
Noun	Bearing
Bore	0.984 Inch   25 Millimeter
UNSPSC	31171504
Category	Single Row Ball Bearing
Enclosure	2 Seals
Size (mm)	62x25x17
Snap Ring	No
Inventory	0.0
Width (mm)	17
Weight / LBS	0.52
Mass bearing	0.23 kg
D <sub>2</sub>	52.7 mm
Inch - Metric	Metric
Cage Material	Steel
d <sub>1</sub>	36.6 mm
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove   NBR Seal
Enclosure Type	Non-Contact Seal
Bearing number	6305-2RZ
Limiting speed	13000 r/min
Rolling Element	Ball Bearing
Reference speed	24000 r/min
Precision Class	ABEC 1   ISO P0
Long Description	25MM Bore; 62MM Outside Diameter;

	17MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Outside Diameter	2.441 Inch   62 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.669 Inch   17 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Name	SKF
Weight / Kilogram	0
Bore Diameter (mm)	62
$d_a$ max.	36.5 mm
$D_a$ max.	55 mm
Internal Clearance	C0-Medium
$r_a$ max.	1 mm
$d_a$ min.	32 mm
Outer Diameter (mm)	25
$d_a$ - min.	32 mm
$d_a$ - max.	36.5 mm
$D_a$ - max.	55 mm
$r_a$ - max.	1 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
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
Fatigue load limit - $P_u$	0.49 kN
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	12
Basic static load rating $C_0$	11.6 kN
Basic static load rating - $C_0$	11.6 kN