



Bearing No. 6205 NR

f	1.12 mm
d	25 mm
D	52 mm
B	15 mm
b	1.35 mm
C	2.46 mm
Noun	Bearing
Bore	0.984 Inch   25 Millimeter
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	52x25x15
Snap Ring	Yes
Snap ring	SP 52
Width (mm)	15
Mass bearing	0.13 kg
Weight / LBS	0.302
D <sub>4</sub>	57.9 mm
D <sub>3</sub>	49.73 mm
D <sub>2</sub>	46.21 mm
Inch - Metric	Metric
Cage Material	Steel
d <sub>1</sub>	34.35 mm
D <sub>3</sub>	49.73 mm
Product Group	B00308
D <sub>4</sub>	57.9 mm
r <sub>0</sub>	0.4 mm
Keyword String	Ball

Other Features	Deep Groove   With Snap Ring
Bearing number	6205 NR
Limiting speed	18000 r/min
Precision Class	ABEC 1   ISO P0
Reference speed	28000 r/min
Rolling Element	Ball Bearing
Long Description	25MM Bore; 52MM Outside Diameter; 15MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Outside Diameter	2.047 Inch   52 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.591 Inch   15 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Name	SKF
Weight / Kilogram	0.137
$d_a$ min.	30.6 mm
$r_0$ max.	0.4 mm
Bore Diameter (mm)	52
Internal Clearance	C0-Medium
$D_a$ max.	46.4 mm
$r_a$ max.	1 mm
$C_a$ max.	3.58 mm
$D_b$ min.	59 mm
$b_a$ min.	1.5 mm
Outer Diameter (mm)	25
$r_a$ - max.	1 mm

Minimum Buy Quantity	N/A
$d_a$ - min.	30.6 mm
$D_a$ - max.	46.4 mm
$D_b$ - min.	59 mm
$b_a$ - min.	1.5 mm
$C_a$ - max.	3.58 mm
$d_1$ ?	34.35 mm
$D_2$ ?	46.21 mm
$r_{1,2}$ - min.	1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6205 NR
Internal Special Features	No
Basic dynamic load rating C	14.8 kN
Basic dynamic load rating - C	14.8 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.335 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14
Calculation factor - $k_r$	0.025
Fatigue load limit - $P_u$	0.335 kN
Calculation factor - $f_0$	14
Basic static load rating $C_0$	7.8 kN
Basic static load rating - $C_0$	7.8 kN