



Bearing No. 61907-2RZ

D	55 mm
d	35 mm
B	10 mm
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	61
Category	Single Row Ball Bearing
Size (mm)	55x35x10
Snap Ring	No
Enclosure	2 Seals
Inventory	3.0
Width (mm)	10
bore type:	Round
maximum rpm:	13000 RPM
Weight / LBS	0.19
Mass bearing	0.08 kg
D ₂	52.15 mm
Cage Material	Steel
closure type:	Double Sealed
d ₁	42.2 mm
Inch - Metric	Metric
Product Group	B00308
fillet radius:	0.6 mm
cage material:	Steel
overall width:	10 mm
bore diameter:	35 mm
Keyword String	Ball
Enclosure Type	Non-Contact Seal

Bearing number	61907-2RZ
Limiting speed	13000 r/min
finish/coating:	Uncoated
Reference speed	26000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outside Diameter	2.165 Inch 55 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	0.394 Inch 10 Millimeter
Long Description	35MM Bore; 55MM Outside Diameter; 10MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.09
precision rating:	Not Rated
outside diameter:	55 mm
outer ring width:	10 mm
Manufacturer Name	SKF
D _a max.	51.8 mm
d _a max.	41.5 mm
Bore Diameter (mm)	55
r _a max.	0.6 mm
d _a min.	38.2 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	35
Minimum Buy Quantity	N/A
d _a - min.	38.2 mm
r _{1,2} min.	0.6 mm

d_a - max.	41.5 mm
r_a - max.	0.6 mm
D_a - max.	51.8 mm
static load capacity:	7.8 kN
D_2 ?	52.15 mm
d_1 ?	42.2 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	10.8 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.6 mm
Manufacturer Item Number	61907-2RZ
Internal Special Features	No
Basic dynamic load rating C	10.8 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	10.8 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.325 kN
Calculation factor k_r	0.02
Calculation factor f_0	15.7
Calculation factor - k_r	0.02
Calculation factor - f_0	15.7
Fatigue load limit - P_u	0.325 kN
Basic static load rating C_0	7.8 kN
Basic static load rating - C_0	7.8 kN