



Bearing No. 61805-2RZ

D	37 mm
d	25 mm
B	7 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	61
Category	Single Row Ball Bearing
Size (mm)	37x25x7
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	7
bore type:	Round
maximum rpm:	19000 RPM
Weight / LBS	0.053
Mass bearing	0.022 kg
Product Group	B00308
Cage Material	Steel
closure type:	Double Sealed
D ₂	34.12 mm
d ₁	28.5 mm
Inch - Metric	Metric
bore diameter:	25 mm
Enclosure Type	Non-Contact Seal
Bearing number	61805-2RZ
overall width:	7 mm
cage material:	Steel
fillet radius:	0.3 mm

Limiting speed	19000 r/min
Keyword String	Ball
finish/coating:	Uncoated
Reference speed	38000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outside Diameter	1.457 Inch 37 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	0.276 Inch 7 Millimeter
Long Description	25MM Bore; 37MM Outside Diameter; 7MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.024
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	37 mm
outer ring width:	7 mm
Bore Diameter (mm)	37
Internal Clearance	C0-Medium
r _a max.	0.3 mm
d _a min.	27 mm
D _a max.	35 mm
d _a max.	28.4 mm
Outer Diameter (mm)	25
internal clearance:	C0
d _a - min.	27 mm
Minimum Buy Quantity	N/A
r _a - max.	0.3 mm
r _{1,2} min.	0.3 mm

d_a - max.	28.4 mm
D_a - max.	35 mm
static load capacity:	2.6 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	34.12 mm
d_1 ?	28.5 mm
dynamic load capacity:	4.36 kN
$r_{1,2}$ - min.	0.3 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	61805-2RZ
Internal Special Features	No
Basic dynamic load rating C	4.36 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	4.4 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.125 kN
Calculation factor k_r	0.015
Calculation factor f_0	13.7
Calculation factor - k_r	0.015
Calculation factor - f_0	13.7
Fatigue load limit - P_u	0.125 kN
Basic static load rating C_0	2.6 kN
Basic static load rating - C_0	2.6 kN