



Bearing No. 61805-2RS1

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	2.0
Width (mm)	7
bore type:	Round
maximum rpm:	11000 RPM
Weight / LBS	0.05
Mass bearing	0.022 kg
Product Group	B00308
Inch - Metric	Metric
closure type:	Double Sealed
Cage Material	Steel
d ₂	27.4 mm
D ₂	34.2 mm
Enclosure Type	Contact Seal
Limiting speed	11000 r/min
Bearing number	61805-2RS1
bore diameter:	25 mm
overall width:	7 mm
cage material:	Steel

fillet radius:	0.3 mm
Keyword String	Ball
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Outer Race Width	0.276 Inch 7 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	1.457 Inch 37 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
r _a max.	0.3 mm
D _a max.	35 mm
d _a min.	27 mm
Internal Clearance	C0-Medium
d _a max.	27.3 mm
internal clearance:	C0
Outer Diameter (mm)	25
d _a - max.	27.3 mm
r _{1,2} min.	0.6 mm
d _a - min.	27 mm
Minimum Buy Quantity	N/A
r _a - max.	0.3 mm

D _a - max.	35 mm
static load capacity:	2.6 kN
row type & fill slot:	Single Row Non-Fill Slot
D ₂ ?	34.2 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	0.6 mm
dynamic load capacity:	4.36 kN
Manufacturer Item Number	61805 2RS1
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	14.2
Calculation factor - k _r	0.015
Calculation factor - f ₀	14.2
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