



Bearing No. 61805

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
Enclosure	Open
Inventory	0.0
Size (mm)	37x25x7
Snap Ring	No
Width (mm)	7
bore type:	Round
Weight / LBS	0.05
Mass bearing	0.021 kg
maximum rpm:	24000 RPM
closure type:	Open
D ₁	33.15 mm
d ₁	28.5 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	25 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	0.3 mm
overall width:	7 mm
Bearing number	61805

Limiting speed	24000 r/min
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Reference speed	38000 r/min
Outer Race Width	0.276 Inch 7 Millimeter
Outside Diameter	1.457 Inch 37 Millimeter
Long Description	25MM Bore; 37MM Outside Diameter; 7MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
outer ring width:	7 mm
outside diameter:	37 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.02
D _a max.	35 mm
Bore Diameter (mm)	37
Internal Clearance	C0-Medium
r _a max.	0.3 mm
d _a min.	27 mm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	25
internal clearance:	C0
D _a - max.	35 mm
d _a - min.	27 mm
r _{1,2} min.	0.6 mm
Minimum Buy Quantity	N/A
r _a - max.	0.3 mm

d ₁ ?	28.5 mm
static load capacity:	2.6 kN
D ₁ ?	33.15 mm
D ₂ ?	34.2 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	4.36 kN
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	0.6 mm
Manufacturer Item Number	61805
Internal Special Features	No
Basic dynamic load rating C	4.36 kN
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
Fatigue load limit - P _u	0.125 kN
Calculation factor - k _r	0.015
Calculation factor - f ₀	14.2
Basic static load rating C ₀	2.6 kN
Basic static load rating - C ₀	2.6 kN