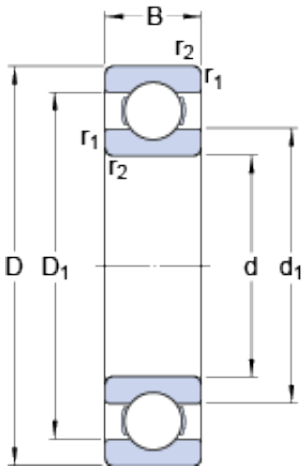




Original NSK Bearing LTD



61805 Bearing 2D drawings and 3D CAD models

SKF Thin Wall Section High Quality Bearing 61805 61806 61807 61817

Bearing No. 61805

Size	37x25x7 mm
Bore Diameter	37 mm
Outer Diameter	25 mm
Width	7 mm
d	25 mm
D	37 mm
B	7 mm
d ₁	28.5 mm
D ₁	33.15 mm
r _{1,2} - min.	0.6 mm
d _a - min.	27 mm
D _a - max.	35 mm
r _a - max.	0.3 mm
Basic dynamic load rating - C	4.4 kN
Basic static load rating - C ₀	2.6 kN
Fatigue load limit - P _u	0.125 kN
Reference speed	38000 r/min
Limiting speed	24000 r/min
Calculation factor - k _r	0.015
Calculation factor - f ₀	14.2
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



Original NSK Bearing LTD

Weight / Kilogram	0.02
EAN	7316576639791
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	61805
Weight / LBS	0.05
Outside Diameter	1.457 Inch 37 Millimeter
Outer Race Width	0.276 Inch 7 Millimeter
Bore	0.984 Inch 25 Millimeter
bore diameter:	25 mm
static load capacity:	2.6 kN
outside diameter:	37 mm



Original NSK Bearing LTD

precision rating:	Not Rated
overall width:	7 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	7 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	24000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	4.36 kN
d_1	28.5 mm
D_1	33.15 mm
D_2	34.2 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	27 mm
D_a max.	35 mm
r_a max.	0.3 mm
Basic dynamic load rating C	4.36 kN
Basic static load rating C_0	2.6 kN
Fatigue load limit P_u	0.125 kN
Calculation factor k_r	0.015
Calculation factor f_0	14.2
Mass bearing	0.021 kg