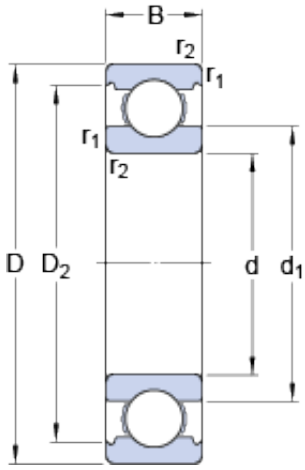
PRECISION BEARING CORP.



25 mm x 42 mm x 9 mm skf 61905 bearing

Bearing No. 61905

Size	42x25x9 mm
Bore Diameter	42 mm
Outer Diameter	25 mm
Width	9 mm
d	25 mm
D	42 mm
B	9 mm
d_1	30.25 mm
D_2	37.7 mm
$r_{1,2}$ - min.	0.6 mm
d_a - min.	27 mm
D_a - max.	40 mm
r_a - max.	0.3 mm
Basic dynamic load rating - C	7 kN
Basic static load rating - C_0	4.3 kN
Fatigue load limit - P_u	0.193 kN
Reference speed	36000 r/min
Limiting speed	22000 r/min
Calculation factor - k_r	0.02
Calculation factor - f_0	14.7
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.045

61905 Bearing 2D drawings and 3D CAD models

PRECISION BEARING CORP.

EAN	7316577095015
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; 42MM Outside Diameter; 9MM 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	61905
Weight / LBS	0.1
Outside Diameter	1.654 Inch | 42 Millimeter
Bore	0.984 Inch | 25 Millimeter
Outer Race Width	0.354 Inch | 9 Millimeter
bore diameter:	25 mm
static load capacity:	4.3 kN
outside diameter:	42 mm
precision rating:	Not Rated

overall width:	9 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	9 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	22000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	7.02 kN
$d_1 \approx$	30.25 mm
$D_2 \approx$	37.7 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	27 mm
D_a max.	40 mm
r_a max.	0.3 mm
Basic dynamic load rating C	7.02 kN
Basic static load rating C_0	4.3 kN
Fatigue load limit P_u	0.193 kN
Calculation factor k_r	0.02
Calculation factor f_0	14.7
Mass bearing	0.043 kg