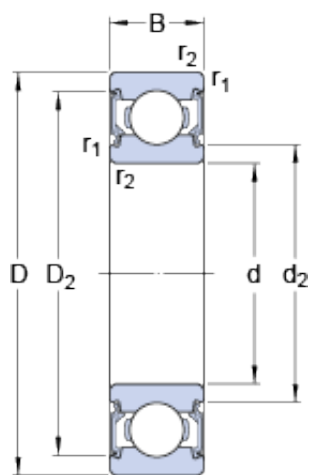




Bearing No. 6005-2RSL

D	47 mm
d	25 mm
B	12 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Size (mm)	47x25x12
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	12
bore type:	Round
maximum rpm:	16000 RPM
Weight / LBS	0.189
Mass bearing	0.08 kg
D ₂	42.2 mm
Cage Material	Steel
closure type:	Double Sealed
d ₂	29.45 mm
Product Group	B00308
Inch - Metric	Metric
fillet radius:	0.6 mm
cage material:	Steel
overall width:	12 mm
bore diameter:	25 mm
Keyword String	Ball
Other Features	Deep Groove Low

	Friction NBR Seal
Enclosure Type	Contact Seal
Bearing number	6005-2RSL
Limiting speed	16000 r/min
Rolling Element	Ball Bearing
Reference speed	32000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.skf.com
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter
Long Description	25MM Bore; 47MM Outside Diameter; 12MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Weight / Kilogram	0.086
outer ring width:	12 mm
Manufacturer Name	SKF
outside diameter:	47 mm
precision rating:	Not Rated
d _a min.	28.2 mm
D _a max.	43.8 mm
Internal Clearance	C0-Medium
d _a max.	29.5 mm
r _a max.	0.6 mm
Bore Diameter (mm)	47
Outer Diameter (mm)	25

internal clearance:	C0
D_a - max.	43.8 mm
d_a - max.	29.5 mm
$r_{1,2}$ min.	0.6 mm
Minimum Buy Quantity	N/A
d_a - min.	28.2 mm
r_a - max.	0.6 mm
static load capacity:	6.55 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	42.2 mm
d_2 ?	29.45 mm
$r_{1,2}$ - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	11.9 kN
Manufacturer Item Number	6005-2RSL
Internal Special Features	No
Basic dynamic load rating C	11.9 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	11.9 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.025
Calculation factor f_0	14
Fatigue load limit P_u	0.275 kN
Calculation factor - f_0	14
Calculation factor - k_r	0.025
Fatigue load limit - P_u	0.275 kN
Basic static load rating C_0	6.55 kN

Basic static load rating - C ₀	6.6 kN
--	--------