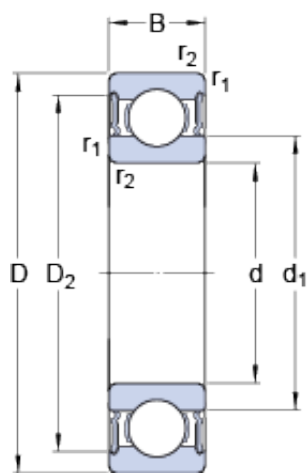




Bearing No. 62205-2RS1

D	52 mm
d	25 mm
B	18 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	52x25x18
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	18
bore type:	Round
maximum rpm:	8500 RPM
Weight / LBS	0.356
Mass bearing	0.13 kg
Inch - Metric	Metric
Product Group	B00308
closure type:	Double Sealed
d ₁	34.4 mm
Cage Material	Steel
D ₂	46.21 mm
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Cartridge Bearing
Bearing number	62205-2RS1
bore diameter:	25 mm
overall width:	18 mm

cage material:	Steel
fillet radius:	1 mm
Limiting speed	8500 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Outer Race Width	0.709 Inch 18 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	2.047 Inch 52 Millimeter
Long Description	25MM Bore; 52MM Outside Diameter; 18MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.163
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	52 mm
outer ring width:	18 mm
Bore Diameter (mm)	52
Internal Clearance	C0-Medium
r _a max.	1 mm
d _a min.	30.6 mm
D _a max.	46.4 mm
d _a max.	34.3 mm
Outer Diameter (mm)	25
internal clearance:	C0
d _a - min.	30.6 mm
Minimum Buy Quantity	N/A
r _a - max.	1 mm

$r_{1,2}$ min.	1 mm
d_a - max.	34.3 mm
D_a - max.	46.4 mm
static load capacity:	7.8 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	46.21 mm
d_1 ?	34.35 mm
dynamic load capacity:	14 kN
$r_{1,2}$ - min.	1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	62205-2RS1
Internal Special Features	No
Basic dynamic load rating C	14 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	14 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.335 kN
Calculation factor k_r	0.025
Calculation factor f_0	14
Calculation factor - k_r	0.025
Calculation factor - f_0	14
Fatigue load limit - P_u	0.335 kN
Basic static load rating C_0	7.8 kN
Basic static load rating - C_0	7.8 kN