



Bearing No. 6305-2RS1

D	62 mm
d	25 mm
B	17 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	62x25x17
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	17
bore type:	Round
maximum rpm:	7500 RPM
Weight / LBS	0.52
Mass bearing	0.23 kg
Product Group	B00308
Inch - Metric	Metric
closure type:	Double Sealed
Cage Material	Steel
d ₁	36.6 mm
D ₂	52.7 mm
Enclosure Type	Contact Seal
Limiting speed	7500 r/min
Bearing number	6305-2RS1
bore diameter:	25 mm
overall width:	17 mm
cage material:	Steel

fillet radius:	1 mm
Keyword String	Ball
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Outside Diameter	2.441 Inch 62 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	0.669 Inch 17 Millimeter
Long Description	25MM Bore; 62MM Outside Diameter; 17MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.236
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	62 mm
outer ring width:	17 mm
Bore Diameter (mm)	62
r_a max.	1 mm
d_a min.	32 mm
D_a max.	55 mm
d_a max.	36.5 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	25
d_a - max.	36.5 mm
d_a - min.	32 mm
Minimum Buy Quantity	N/A
r_a - max.	1 mm

D _a - max.	55 mm
static load capacity:	11.6 kN
D ₂ ?	52.7 mm
row type & fill slot:	Single Row Non-Fill Slot
d ₁ ?	36.6 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	1.1 mm
dynamic load capacity:	23.4 kN
Manufacturer Item Number	6305-2RS1
Internal Special Features	No
Basic dynamic load rating C	23.4 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	23.4 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	0.49 kN
Calculation factor k _r	0.03
Calculation factor f ₀	12
Calculation factor - k _r	0.03
Calculation factor - f ₀	12
Fatigue load limit - P _u	0.49 kN
Basic static load rating C ₀	11.6 kN
Basic static load rating - C ₀	11.6 kN