



Bearing No. 62305-2RS1

D	62 mm
d	25 mm
B	24 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	62x25x24
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	24
bore type:	Round
maximum rpm:	7500 RPM
Weight / LBS	0.717
Mass bearing	0.32 kg
Inch - Metric	Metric
d ₁	36.6 mm
Cage Material	Steel
Product Group	B00308
D ₂	52.7 mm
closure type:	Double Sealed
cage material:	Steel
overall width:	24 mm
bore diameter:	25 mm
Other Features	Cartridge Bearing
Limiting speed	7500 r/min
fillet radius:	1 mm

Enclosure Type	Contact Seal
Keyword String	Ball
Bearing number	62305-2RS1
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outside Diameter	2.441 Inch 62 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	0.945 Inch 24 Millimeter
Long Description	25MM Bore; 62MM Outside Diameter; 24MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.326
Manufacturer Name	SKF
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	62 mm
outer ring width:	24 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:	22.5 kN
Manufacturer Item Number	62305-2RS1
Internal Special Features	No
Basic dynamic load rating C	22.5 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	22.5 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