



**Bearing No. 623-2RS1**

D	10 mm
d	3 mm
B	4 mm
Bore	0.118 Inch   3 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	10x3x4
Enclosure	2 Seals
Inventory	0.0
Width (mm)	4
Weight / LBS	0.0015
Mass bearing	0.0015 kg
Product Group	B00308
d <sub>1</sub>	5.2 mm
D <sub>2</sub>	8.2 mm
Inch - Metric	Metric
Cage Material	Steel
Bearing number	623-2RS1
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove   NBR Seal
Limiting speed	40000 r/min
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	0.157 Inch   4 Millimeter
Outside Diameter	0.394 Inch   10

	Millimeter
Inner Race Width	0 Inch   0 Millimeter
Long Description	3MM Bore; 10MM Outside Diameter; 4MM 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; Co
Manufacturer Name	SKF
Weight / Kilogram	0.002
$r_a$ max.	0.1 mm
$D_a$ max.	8.8 mm
$d_a$ max.	5.1 mm
$d_a$ min.	4.2 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	10
Outer Diameter (mm)	3
$r_{1,2}$ min.	0.15 mm
$r_a$ - max.	0.1 mm
Minimum Buy Quantity	N/A
$D_a$ - max.	8.8 mm
$d_a$ - max.	5.1 mm
$d_a$ - min.	4.2 mm
$D_2$ ?	8.2 mm
$d_1$ ?	5.2 mm
$r_{1,2}$ - min.	0.15 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	No
Basic dynamic load rating C	0.54 kN

Basic dynamic load rating - C	0.54 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.007 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	7.5
Calculation factor - $f_0$	7.5
Calculation factor - $k_r$	0.025
Fatigue load limit - $P_u$	0.007 kN
Basic static load rating $C_0$	0.18 kN
Basic static load rating - $C_0$	0.18 kN