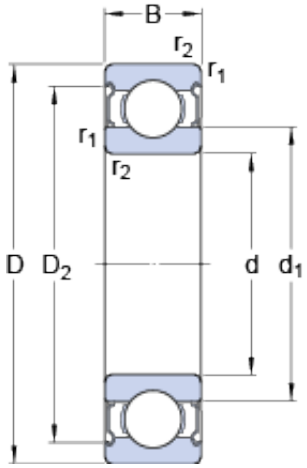
Loyal | 623-2Z



Bearing No. 623-2Z

D	10 mm
d	3 mm
B	4 mm
Bore	0.118 Inch | 3 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	10x3x4
Snap Ring	No
Enclosure	2 Metal Shields
Inventory	0.0
Width (mm)	4
bore type:	Round
maximum rpm:	60000 RPM
Weight / LBS	0.01
Mass bearing	0.0015 kg
Inch - Metric	Metric
Cage Material	Steel
D_2	8.2 mm
closure type:	Double Shielded
Product Group	B00308
d_1	5.2 mm
Bearing number	623-2Z
bore diameter:	3 mm
overall width:	4 mm
cage material:	Steel
fillet radius:	0.1 mm
Limiting speed	60000 r/min
Keyword String	Ball

finish/coating:	Uncoated
Reference speed	130000 r/min
Precision Class	ABEC 1 | ISO P0
Rolling Element	Ball Bearing
Outer Race Width	0.157 Inch | 4 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	0.394 Inch | 10 Millimeter
Long Description	3MM Bore; 10MM Outside Diameter; 4MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 | ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.004
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	10 mm
outer ring width:	4 mm
Bore Diameter (mm)	10
Internal Clearance	C0-Medium
r_a max.	0.1 mm
d_a min.	4.2 mm
D_a max.	8.8 mm
d_a max.	5.1 mm
Outer Diameter (mm)	3
internal clearance:	C0
d_a - min.	4.2 mm
Minimum Buy Quantity	N/A
r_a - max.	0.1 mm
$r_{1,2}$ min.	0.15 mm
d_a - max.	5.1 mm
D_a - max.	8.8 mm

d_1 ?	5.2 mm
static load capacity:	0.18 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	8.2 mm
$r_{1,2}$ - min.	0.15 mm
dynamic load capacity:	0.54 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	623-2Z
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 - k_r	0.025
Calculation factor - f_0	7.5
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