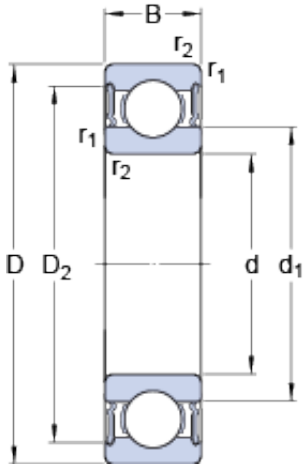
Loyal | 6019-2RS1



Bearing No. 6019-2RS1

D	145 mm
d	95 mm
B	24 mm
Noun	Bearing
Bore	3.74 Inch | 95 Millimeter
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Size (mm)	145x95x24
Enclosure	2 Seals
Inventory	0.0
Snap Ring	No
Width (mm)	24
bore type:	Round
Weight / LBS	2.87
Mass bearing	1.25 kg
maximum rpm:	2800 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D_2	133.3 mm
closure type:	Double Sealed
d_1	111.4 mm
Keyword String	Ball
bore diameter:	95 mm
cage material:	Steel
fillet radius:	1.5 mm
Enclosure Type	Contact Seal
overall width:	24 mm
Bearing number	6019-2RS1

Limiting speed	2800 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 | ISO P0
Outside Diameter	5.709 Inch | 145 Millimeter
Outer Race Width	0.945 Inch | 24 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	95MM Bore; 145MM Outside Diameter; 24MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 | ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	145 mm
outer ring width:	24 mm
Weight / Kilogram	1.3
Internal Clearance	C0-Medium
D_a max.	138 mm
Bore Diameter (mm)	145
r_a max.	1.5 mm
d_a min.	102 mm
d_a max.	111 mm
Outer Diameter (mm)	95
internal clearance:	C0
d_a - max.	111 mm
d_a - min.	102 mm
$r_{1,2}$ min.	1.5 mm
D_a - max.	138 mm
Minimum Buy Quantity	N/A

r_a - max.	1.5 mm
D_2 ?	133.3 mm
static load capacity:	54 kN
row type & fill slot:	Single Row Non-Fill Slot
d_1 ?	111.4 mm
dynamic load capacity:	63.7 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1.5 mm
Manufacturer Item Number	6019-2RS1
Internal Special Features	No
Basic dynamic load rating C	63.7 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	63.7 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.08 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.8
Fatigue load limit - P_u	2.1 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	15.8
Basic static load rating C_0	54 kN
Basic static load rating - C_0	54 kN