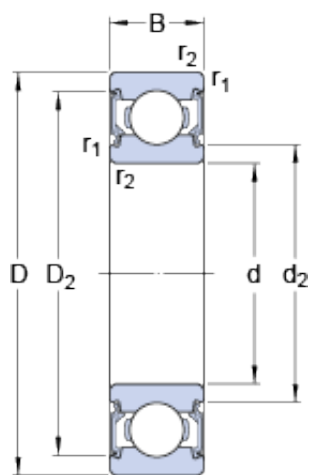




Bearing No. 6003-2RSL

D	35 mm
d	17 mm
B	10 mm
Bore	0.669 Inch 17 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Size (mm)	35x17x10
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	10
bore type:	Round
maximum rpm:	22000 RPM
Weight / LBS	0.092
Mass bearing	0.039 kg
Product Group	B00308
Inch - Metric	Metric
closure type:	Double Sealed
Cage Material	Steel
d ₂	20.45 mm
D ₂	31.2 mm
Bearing number	6003-2RSL
Enclosure Type	Contact Seal
Other Features	Deep Groove Low Friction NBR Seal
Keyword String	Ball
bore diameter:	17 mm

overall width:	10 mm
cage material:	Steel
fillet radius:	0.3 mm
Limiting speed	22000 r/min
Precision Class	ABEC 1 ISO P0
Reference speed	45000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Outside Diameter	1.378 Inch 35 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	0.394 Inch 10 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Long Description	17MM Bore; 35MM Outside Diameter; 10MM 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;
outer ring width:	10 mm
Manufacturer Name	SKF
Weight / Kilogram	0.044
outside diameter:	35 mm
precision rating:	Not Rated
r _a max.	0.3 mm
Internal Clearance	C0-Medium
D _a max.	33 mm
d _a max.	20.5 mm
d _a min.	19 mm
Bore Diameter (mm)	35
Outer Diameter (mm)	17

internal clearance:	C0
$r_{1,2}$ min.	0.3 mm
d_a - max.	20.5 mm
Minimum Buy Quantity	N/A
d_a - min.	19 mm
D_a - max.	33 mm
r_a - max.	0.3 mm
static load capacity:	3.25 kN
D_2 ?	31.2 mm
d_2 ?	20.45 mm
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	0.3 mm
dynamic load capacity:	6.37 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6003-2RSL
Internal Special Features	No
Basic dynamic load rating C	6.37 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	6.4 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.137 kN
Calculation factor f_0	14
Calculation factor k_r	0.025
Calculation factor - k_r	0.025
Calculation factor - f_0	14
Fatigue load limit - P_u	0.137 kN
Basic static load rating C_0	3.25 kN

Basic static load rating - C ₀	3.2 kN
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