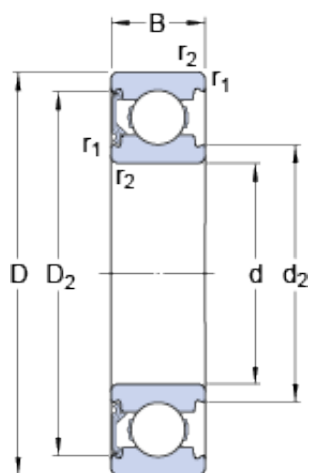




Bearing No. 6003-RSH

D	35 mm
d	17 mm
B	10 mm
Noun	Bearing
Bore	0.669 Inch 17 Millimeter
UNSPSC	31171504
weight:	0.086 lb
series:	60
Category	Single Row Ball Bearing
Enclosure	1 Seal
Snap Ring	No
Inventory	0.0
Size (mm)	35x17x10
bore type:	Round
Width (mm)	10
Weight / LBS	0.087
maximum rpm:	13000 rpm
Mass bearing	0.039 kg
Cage Material	Steel
d ₂	20.45 mm
closure type:	NBR Contact seal on one side
D ₂	31.2 mm
Product Group	B00308
Inch - Metric	Metric
Limiting speed	13000 r/min
fillet radius:	0.3 mm
cage material:	Steel
overall width:	10 mm

Keyword String	Ball
Other Features	Deep Groove NBR Seal
Enclosure Type	Contact Seal
bore diameter:	17 mm
Bearing number	6003-RSH
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Outer Race Width	0.394 Inch 10 Millimeter
Long Description	17MM Bore; 35MM Outside Diameter; 10MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; C
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	1.378 Inch 35 Millimeter
Manufacturer URL	http://www.skf.com
bearing material:	Steel
Weight / Kilogram	0.042
outside diameter:	35 mm
Manufacturer Name	SKF
r _a max.	0.3 mm
D _a max.	33 mm
d _a max.	20.5 mm
d _a min.	19 mm
Bore Diameter (mm)	35
Internal Clearance	C0-Medium

internal clearance:	C0
Outer Diameter (mm)	17
snap ring included:	Without Snap Ring
r_a - max.	0.3 mm
$r_{1,2}$ min.	0.3 mm
d_a - min.	19 mm
Minimum Buy Quantity	N/A
D_a - max.	33 mm
d_a - max.	20.5 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
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	6.37 kN
$r_{1,2}$ - min.	0.3 mm
manufacturer upc number:	7316571815091
Manufacturer Item Number	6003-RSH
Internal Special Features	No
manufacturer product page:	Click here
Basic dynamic load rating C	6.37 kN
operating temperature range:	Max 250 °F
Basic dynamic load rating - C	6.4 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.137 kN
Calculation factor k_r	0.025
Calculation factor f_0	14

Fatigue load limit - P_u	0.137 kN
Calculation factor - f_0	14
Calculation factor - k_r	0.025
Basic static load rating C_0	3.25 kN
Basic static load rating - C_0	3.2 kN