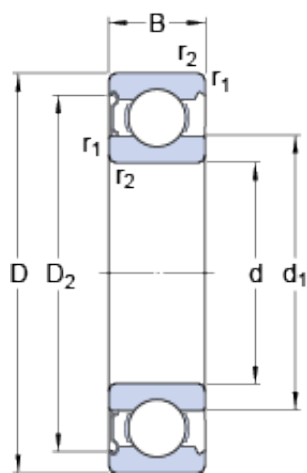




Bearing No. 6003-Z

D	35 mm
d	17 mm
B	10 mm
Bore	0.669 Inch 17 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Size (mm)	35x17x10
Snap Ring	No
Width (mm)	10
Mass bearing	0.039 kg
Weight / LBS	0.09
Inch - Metric	Metric
Cage Material	Steel
D ₂	31.2 mm
d ₁	23 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6003-Z
Limiting speed	28000 r/min
Reference speed	45000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Long Description	17MM Bore; 35MM Outside Diameter; 10MM Outer Race Diameter; 1 Metal

	Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	1.378 Inch 35 Millimeter
Outer Race Width	0.394 Inch 10 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.043
Internal Clearance	C0-Medium
d _a max.	22.9 mm
d _a min.	19 mm
D _a max.	33 mm
Bore Diameter (mm)	35
r _a max.	0.3 mm
Outer Diameter (mm)	17
r _{1,2} min.	0.3 mm
D _a - max.	33 mm
d _a - min.	19 mm
d _a - max.	22.9 mm
r _a - max.	0.3 mm
Minimum Buy Quantity	N/A
d ₁ ?	23 mm
D ₂ ?	31.2 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	0.3 mm
Manufacturer Item Number	6003-Z
Internal Special Features	No
Basic dynamic load rating C	6.37 kN
Basic dynamic load	6.4 kN

rating - C	
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.137 kN
Calculation factor k_r	0.025
Calculation factor f_0	14
Calculation factor - k_r	0.025
Fatigue load limit - P_u	0.137 kN
Calculation factor - f_0	14
Basic static load rating C_0	3.25 kN
Basic static load rating - C_0	3.2 kN