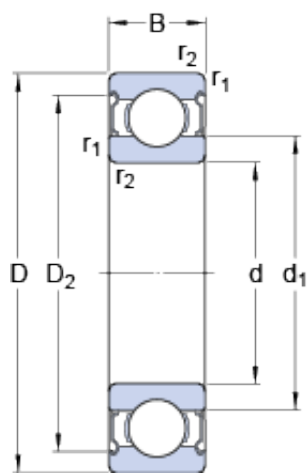




Bearing No. 16003-2Z

D	35 mm
d	17 mm
B	8 mm
Bore	0.669 Inch 17 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	16
Category	Single Row Ball Bearing
Size (mm)	35x17x8
Snap Ring	No
Enclosure	2 Metal Shields
Inventory	0.0
Width (mm)	8
bore type:	Round
maximum rpm:	22000 RPM
Weight / LBS	0.077
Mass bearing	0.032 kg
D ₂	31.2 mm
Cage Material	Steel
closure type:	Double Shielded
d ₁	23 mm
Inch - Metric	Metric
Product Group	B00308
fillet radius:	0.3 mm
cage material:	Steel
overall width:	8 mm
bore diameter:	17 mm
Keyword String	Ball
Bearing number	16003-2Z

Limiting speed	22000 r/min
Precision Class	ABEC 1 ISO P0
Reference speed	45000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Outer Race Width	0.315 Inch 8 Millimeter
Long Description	17MM Bore; 35MM Outside Diameter; 8MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
Outside Diameter	1.378 Inch 35 Millimeter
outside diameter:	35 mm
Weight / Kilogram	0.036
outer ring width:	8 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Internal Clearance	C0-Medium
d _a min.	19 mm
d _a max.	22.6 mm
D _a max.	33 mm
Bore Diameter (mm)	35
r _a max.	0.3 mm
internal clearance:	C0
Outer Diameter (mm)	17
r _{1,2} min.	0.3 mm
D _a - max.	33 mm
Minimum Buy Quantity	N/A
d _a - min.	19 mm
r _a - max.	0.3 mm

d_a - max.	22.6 mm
d_1 ?	23 mm
D_2 ?	31.2 mm
static load capacity:	3.25 kN
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	16003-2Z
Internal Special Features	No
Basic dynamic load rating C	6.37 kN
Basic dynamic load rating - C	6.4 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.02
Calculation factor f_0	14
Fatigue load limit P_u	0.137 kN
Calculation factor - f_0	14
Calculation factor - k_r	0.02
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