



Bearing No. 16100-2Z

D	28 mm
d	10 mm
B	8 mm
C	8 mm
D1	24,8 mm
D2	0,3 mm
d1	17 mm
d2	– mm
Bore	0.394 Inch 10 Millimeter
Noun	Bearing
UNSPSC	31171504
Weight	0,026 Kg
r2 min.	14,2 mm
r1 min.	14,2 mm
da min.	16,6 mm
Da max.	23,8 mm
ra max.	0,3 mm
series:	16
Category	Single Row Ball Bearing
Inventory	5.0
Size (mm)	10x28x8
Snap Ring	No
Enclosure	2 Metal Shields
Width (mm)	8
bore type:	Round
Weight / LBS	0.058
Mass bearing	0.026 kg
maximum rpm:	30000 RPM
Product Group	B00308

closure type:	Double Shielded
Cage Material	Steel
Inch - Metric	Metric
bore diameter:	10 mm
overall width:	8 mm
Keyword String	Ball
cage material:	Steel
fillet radius:	0.3 mm
Bearing number	16100-2Z
Limiting speed	30000 r/min
finish/coating:	Uncoated
Reference speed	60000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Outside Diameter	1.102 Inch 28 Millimeter
Outer Race Width	0.315 Inch 8 Millimeter
Long Description	10MM Bore; 28MM 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
Weight / Kilogram	0.026
Manufacturer Name	SKF
outer ring width:	8 mm
outside diameter:	28 mm
precision rating:	Not Rated
d _a max.	16.6 mm
D _a max.	23.8 mm
Bore Diameter (mm)	10
r _a max.	0.3 mm

d _a min.	14.2 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	28
internal clearance:	C0
r _{1,2} min.	0.3 mm
Minimum Buy Quantity	N/A
D ₂ ?	24.72 mm
static load capacity:	2.36 kN
row type & fill slot:	Single Row Non-Fill Slot
d ₁ ?	17 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	5.07 kN
Fatigue load limit (Pu)	0,1
Calculation factor (f0)	13
Manufacturer Item Number	16100-2Z
Internal Special Features	No
Basic dynamic load rating C	5.07 kN
Basic dynamic load rating (C)	5,07 kN
Basic static load rating (C0)	2,36 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	0.1 kN
Calculation factor k _r	0.025
Calculation factor f ₀	13.1
Basic static load rating C ₀	2.36 kN