



BEARING INDUSTRIA CUSCINETTI S.P.A.



12 mm x 30 mm x 8 mm skf 16101-2Z Deep groove ball bearings

Bearing No. 16101-2Z

16101-2Z Bearing 2D drawings and 3D CAD models

Size	12x30x8 mm
Bore Diameter	12 mm
Outer Diameter	30 mm
Width	8 mm
d	12 mm
D	30 mm
B	8 mm
C	8 mm
d1	17 mm
d2	– mm
r1 min.	14,4 mm
r2 min.	14,4 mm
D1	24,8 mm
D2	0,3 mm
da min.	16,6 mm
Da max.	27,6 mm
ra max.	0,3 mm
Weight	0,028 Kg
Basic dynamic load rating (C)	5,07 kN
Basic static load rating (C0)	2,36 kN
Fatigue load limit (Pu)	0,1
Reference speed	60000 r/min
Limiting speed	30000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings



BEARING INDUSTRIA CUSCINETTI S.P.A.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.03
EAN	7316577016058
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	12MM Bore; 30MM 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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	16101-2Z
Weight / LBS	0.067
Bore	0.472 Inch 12 Millimeter
Outside Diameter	1.181 Inch 30 Millimeter
Outer Race Width	0.315 Inch 8 Millimeter



BEARING INDUSTRIA CUSCINETTI S.P.A.

bore diameter:	12 mm
static load capacity:	2.36 kN
outside diameter:	30 mm
precision rating:	Not Rated
overall width:	8 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Shielded
outer ring width:	8 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	30000 RPM
dynamic load capacity:	5.07 kN
series:	16
d_1	17 mm
D_2	24.72 mm
$r_{1,2}$ min.	0.3 mm
d_a min.	14.4 mm
d_a max.	16.6 mm
D_a max.	27.6 mm
r_a max.	0.3 mm
Basic dynamic load rating C	5.07 kN
Basic static load rating C_0	2.36 kN
Fatigue load limit P_u	0.1 kN
Calculation factor k_r	0.025
Calculation factor f_0	13
Mass bearing	0.028 kg