



BEARING ITALIA S.P.A



12 mm x 24 mm x 6 mm skf 61901-2Z Deep groove ball bearings

Bearing No. 61901-2Z

61901-2Z Bearing 2D drawings and 3D CAD models

Size	12x24x6 mm
Bore Diameter	12 mm
Outer Diameter	24 mm
Width	6 mm
d	12 mm
D	24 mm
B	6 mm
C	6 mm
d1	16 mm
d2	– mm
r1 min.	14 mm
r2 min.	14 mm
D1	21,4 mm
D2	0,3 mm
da min.	15,8 mm
Da max.	22 mm
ra max.	0,3 mm
Weight	0,011 Kg
Basic dynamic load rating (C)	2,91 kN
Basic static load rating (C0)	1,46 kN
Fatigue load limit (Pu)	0,062
Reference speed	67000 r/min
Limiting speed	32000 r/min
Calculation factor (f0)	15
Category	Single Row Ball Bearings



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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.014
EAN	7316577101174
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; 24MM Outside Diameter; 6MM 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	61901 2Z
Weight / LBS	0.03
Outside Diameter	0.945 Inch 24 Millimeter
Bore	0.472 Inch 12 Millimeter
Outer Race Width	0.236 Inch 6 Millimeter



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bore diameter:	12 mm
static load capacity:	1.46 kN
outside diameter:	24 mm
precision rating:	Not Rated
overall width:	6 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Shielded
outer ring width:	6 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	32000 RPM
dynamic load capacity:	2.91 kN
series:	61
d_1	16 mm
D_2	21.4 mm
$r_{1,2}$ min.	0.3 mm
d_a min.	14 mm
d_a max.	15.8 mm
D_a max.	22 mm
r_a max.	0.3 mm
Basic dynamic load rating C	2.91 kN
Basic static load rating C_0	1.46 kN
Fatigue load limit P_u	0.062 kN
Calculation factor k_r	0.02
Calculation factor f_0	14.5
Mass bearing	0.011 kg