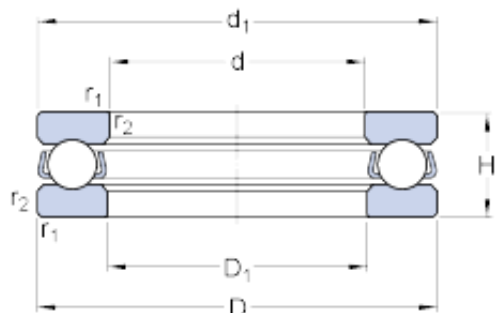




BEARING INDUSTRIA CUSCINETTI S.P.A.



skf 51412 M Single direction thrust ball bearings

Bearing No. 51412 M

Size	130x60x51 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	51 mm
d	60 mm
D	130 mm
H	51 mm
d ₁	130 mm
D ₁	62 mm
r _{1,2} - min.	1.5 mm
d _a - min.	102 mm
D _a - max.	88 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	199 kN
Basic static load rating - C ₀	430 kN
Fatigue load limit - P _u	16 kN
Reference speed	1600 r/min
Limiting speed	2200 r/min
Minimum load factor - A	0.96
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.613
EAN	7316572052068

51412 M Bearing 2D drawings and 3D CAD models



BEARING INDUSTRIA CUSCINETTI S.P.A.

Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Brass
Precision Class	ABEC 1 ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row Roller Guided
Long Description	60MM Bore 1; 62MM Bore 2; 130MM Outside Diameter; 51MM Height; Ball Bearing; Single Direction; Not Banded; Brass Cage; ABEC 1 ISO P0 Precision
Inch - Metric	Metric
Category	Thrust Ball Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	51412 M
Weight / LBS	7.959
Height	2.008 Inch 51 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Bore 1	2.362 Inch 60 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 2	2.441 Inch 62 Millimeter
bore diameter:	60 mm
static load capacity:	430 kN
outside diameter:	130 mm



BEARING INDUSTRIA CUSCINETTI S.P.A.

dynamic load capacity:	199 kN
overall width:	51 mm
maximum rpm:	2200 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1.5 mm
separable or banded:	Separable
series:	514
precision rating:	ABEC 1 (ISO Class Normal)
d_1	130 mm
D_1	62 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	102 mm
D_a max.	88 mm
r_a max.	1.5 mm
Basic dynamic load rating C	199 kN
Basic static load rating C_0	430 kN
Fatigue load limit P_u	16 kN
Minimum load factor A	0.96
Mass bearing (including seat washer where applicable)	3.1 kg