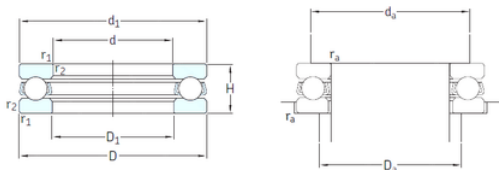




BEARING INDUSTRIA CUSCINETTI S.P.A.



skf 51122 Single direction thrust ball bearings

Bearing No. 51122

Size	110x145x25 mm
Bore Diameter	110 mm
Outer Diameter	145 mm
Width	25 mm
d	110 mm
D	145 mm
H	25 mm
d1	145 mm
r1 min.	1 mm
r2 min.	1 mm
D1	112 mm
da min.	131 mm
Da max.	124 mm
ra max.	1 mm
Weight	1,05 Kg
Basic dynamic load rating (C)	83,2 kN
Basic static load rating (C0)	285 kN
Fatigue load limit (Pu)	9,5
Reference speed	2200 r/min
Limiting speed	3200 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.101
EAN	7316577006578

51122 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	Steel
Precision Class	ABEC 1 ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row
Long Description	110MM Bore 1; 112MM Bore 2; 145MM Outside Diameter; 25MM Height; Ball Bearing; Single Direction; Not Banded; Steel 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	51122
Weight / LBS	2.425
Bore 1	4.331 Inch 110 Millimeter
Height	0.984 Inch 25 Millimeter
Outside Diameter	5.709 Inch 145 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 2	4.409 Inch 112 Millimeter
bore diameter:	110 mm
static load capacity:	285 kN



BEARING INDUSTRIA CUSCINETTI S.P.A.

outside diameter:	145 mm
dynamic load capacity:	83.2 kN
overall width:	25 mm
maximum rpm:	3200 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
d_1	145 mm
D_1	112 mm
$r_{1,2}$ min.	1 mm
d_a min.	131 mm
D_a max.	124 mm
r_a max.	1 mm
Basic dynamic load rating C	83.2 kN
Basic static load rating C_0	285 kN
Fatigue load limit P_u	9.5 kN
Minimum load factor A	0.52
Mass bearing (including seat washer where applicable)	1.05 kg