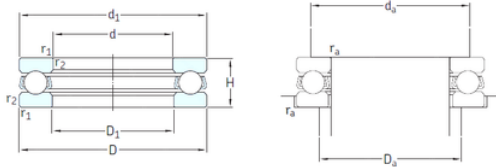


## skf 51210 bearing

Bearing No. 51210



51210 Bearing 2D drawings and 3D CAD models

Size	50x78x22 mm
Bore Diameter	50 mm
Outer Diameter	78 mm
Width	22 mm
d	50 mm
D	78 mm
H	22 mm
d1	78 mm
r1 min.	1 mm
r2 min.	1 mm
D1	52 mm
da min.	67 mm
Da max.	61 mm
ra max.	1 mm
Weight	0,37 Kg
Basic dynamic load rating (C)	49,4 kN
Basic static load rating (C0)	116 kN
Fatigue load limit (Pu)	4,3
Reference speed	3400 r/min
Limiting speed	4500 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.385
EAN	7316577058003



# PRECISION BEARING CORP.

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	50MM Bore 1; 52MM Bore 2; 78MM Outside Diameter; 22MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	51210
Weight / LBS	0.849
Bore 2	2.047 Inch   52 Millimeter
Height	0.866 Inch   22 Millimeter
Outside Diameter	3.071 Inch   78 Millimeter
Bore 1	1.969 Inch   50 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
bore diameter:	50 mm
static load capacity:	116 kN
outside diameter:	78 mm



## PRECISION BEARING CORP.

dynamic load capacity:	49.4 kN
overall width:	22 mm
maximum rpm:	4500 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	512
precision rating:	ABEC 1 (ISO Class Normal)
$d_1$	78 mm
$D_1$	52 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	67 mm
$D_a$ max.	61 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	49.4 kN
Basic static load rating $C_0$	116 kN
Fatigue load limit $P_u$	4.3 kN
Minimum load factor A	0.069
Mass bearing (including seat washer where applicable)	0.37 kg