



Bearing No. 51220

D	150 mm
d	100 mm
H	38 mm
d1	150 mm
D1	103 mm
Noun	Bearing
Bore 2	4.055 Inch 103 Millimeter
Height	1.496 Inch 38 Millimeter
Bore 1	3.937 Inch 100 Millimeter
UNSPSC	31171507
Banded	No
Weight	2,2 Kg
ra max.	1 mm
da min.	130 mm
Da max.	120 mm
r2 min.	1,1 mm
r1 min.	1,1 mm
series:	512
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	100x150x38
Width (mm)	38
Weight / LBS	4.863
maximum rpm:	2400 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust

bore diameter:	100 mm
overall width:	38 mm
Other Features	Single Row
fillet radius:	1 mm
cage material:	Steel
Bearing number	51220
Limiting speed	2400 r/min
Thrust Bearing	Yes
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	1800 r/min
Outside Diameter	5.906 Inch 150 Millimeter
Long Description	100MM Bore 1; 103MM Bore 2; 150MM Outside Diameter; 38MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision
Manufacturer URL	http://www.skf.com
outside diameter:	150 mm
Manufacturer Name	SKF
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	2.208
Bore Diameter (mm)	100
r _a max.	1 mm
D _a max.	120 mm
d _a min.	130 mm
Outer Diameter (mm)	150
Minimum Buy Quantity	N/A
r _{1,2} min.	1.1 mm
separable or banded:	Separable
thrust bearing type:	Single-Direction

D ₁ ?	103 mm
Minimum load factor A	0.62
static load capacity:	325 kN
d ₁ ?	150 mm
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	119 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (Pu)	10,8
outside diameter design:	Straight
Manufacturer Item Number	51220
Single or Double Direction	Single Direction
Basic dynamic load rating C	119 kN
Basic dynamic load rating (C)	119 kN
Basic static load rating (C ₀)	325 kN
Fatigue load limit P _u	10.8 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C ₀	325 kN
Mass bearing (including seat washer where applicable)	2.2 kg