



China abec 9 Bearings Supplier



SKF Single Direction 51203 8203 Thrust Ball Bearing

Bearing No. 51203

51203 Bearing 2D drawings and 3D CAD models

Size	17x35x12 mm
Bore Diameter	17 mm
Outer Diameter	35 mm
Width	12 mm
d	17 mm
D	35 mm
H	12 mm
d1	35 mm
r1 min.	0,6 mm
r2 min.	0,6 mm
D1	19 mm
da min.	28 mm
Da max.	24 mm
ra max.	0,6 mm
Weight	0,053 Kg
Basic dynamic load rating (C)	16,3 kN
Basic static load rating (C0)	27 kN
Fatigue load limit (Pu)	1
Reference speed	6700 r/min
Limiting speed	9500 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.055



China abec 9 Bearings Supplier

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	17MM Bore 1; 19MM Bore 2; 35MM Outside Diameter; 12MM 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	51203
Weight / LBS	0.121
Outside Diameter	1.378 Inch 35 Millimeter
Bore 2	0.748 Inch 19 Millimeter
Height	0.472 Inch 12 Millimeter
Bore 1	0.669 Inch 17 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
bore diameter:	17 mm
static load capacity:	27 kN
outside diameter:	35 mm



China abec 9 Bearings Supplier

dynamic load capacity:	16.3 kN
overall width:	12 mm
maximum rpm:	9500 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	0.6 mm
separable or banded:	Separable
series:	512
precision rating:	ABEC 1 (ISO Class Normal)
d_1	35 mm
D_1	19 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	28 mm
D_a max.	24 mm
r_a max.	0.6 mm
Basic dynamic load rating C	16.3 kN
Basic static load rating C_0	27 kN
Fatigue load limit P_u	1 kN
Minimum load factor A	0.0047
Mass bearing (including seat washer where applicable)	0.053 kg