



Machinery Parts Co., Ltd.

SKF BA 9 Thrust Ball Bearing



Bearing No. BA 9

BA 9 Bearing 2D drawings and 3D CAD models

Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.012
EAN	7316570224887
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 With Flat Seat
Long Description	9.2MM Bore 1; 9.2MM Bore 2; 19.8MM Outside Diameter; 7MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision
Inch - Metric	Metric
Category	Thrust Ball Bearings
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing



Machinery Parts Co., Ltd.

Keyword String	Ball Thrust
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	BA 9
Weight / LBS	0.02205
Bore 2	0.362 Inch 9.2 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Height	0.276 Inch 7 Millimeter
Bore 1	0.362 Inch 9.2 Millimeter
D	0.78 Inch 19.8 Millimeter
bore diameter:	9 mm
static load capacity:	3.8 kN
outside diameter:	20 mm
dynamic load capacity:	3.12 kN
overall width:	7 mm
maximum rpm:	16000 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	0.3 mm
precision rating:	Not Rated
series:	BA
d	9 mm
D	20 mm
H	7 mm
d ₁	19.8 mm
D ₁	9.2 mm
r _{1,2} min.	0.3 mm
d _a min.	15.5 mm
D _a max.	13.5 mm
r _a max.	0.3 mm
Basic dynamic load rating C	3.12 kN
Basic static load rating C ₀	3.8 kN



Machinery Parts Co., Ltd.

Fatigue load limit P_u	0.143 kN
Reference speed	12000 r/min
Limiting speed	16000 r/min
Minimum load factor A	0.000075
Mass bearing (including seat washer where applicable)	0.01 kg