



### Bearing No. 51205

D	47 mm
d	25 mm
H	15 mm
d1	47 mm
D1	27 mm
Noun	Bearing
Bore 2	1.063 Inch   27 Millimeter
Height	0.591 Inch   15 Millimeter
Bore 1	0.984 Inch   25 Millimeter
UNSPSC	31171507
Banded	No
Weight	0,11 Kg
ra max.	0,6 mm
da min.	38 mm
Da max.	34 mm
r2 min.	0,6 mm
r1 min.	0,6 mm
series:	512
Category	Thrust Ball Bearings
Inventory	2.0
Size (mm)	25x47x15
Width (mm)	15
Weight / LBS	0.257
maximum rpm:	7500 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust

bore diameter:	25 mm
overall width:	15 mm
Other Features	Single Row
fillet radius:	0.6 mm
cage material:	Steel
Bearing number	51205
Thrust Bearing	Yes
Limiting speed	7500 r/min
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Reference speed	5300 r/min
Outside Diameter	1.85 Inch   47 Millimeter
Long Description	25MM Bore 1; 27MM Bore 2; 47MM Outside Diameter; 15MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1   ISO P0 Precision
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Name	SKF
outside diameter:	47 mm
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	0.117
Bore Diameter (mm)	25
r <sub>a</sub> max.	0.6 mm
D <sub>a</sub> max.	34 mm
d <sub>a</sub> min.	38 mm
Outer Diameter (mm)	47
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	0.6 mm
separable or banded:	Separable
thrust bearing type:	Single-Direction

D <sub>1</sub> ?	27 mm
Minimum load factor A	0.015
static load capacity:	50 kN
d <sub>1</sub> ?	47 mm
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	26.5 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (Pu)	1,86
outside diameter design:	Straight
Manufacturer Item Number	51205
Single or Double Direction	Single Direction
Basic dynamic load rating C	26.5 kN
Basic dynamic load rating (C)	26,5 kN
Basic static load rating (C0)	50 kN
Fatigue load limit P <sub>u</sub>	1.86 kN
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Basic static load rating C <sub>0</sub>	50 kN
Mass bearing (including seat washer where applicable)	0.11 kg