



Bearing No. 305

D	62 mm
d	25 mm
B	17 mm
Noun	Bearing
Bore	0.984 Inch 25 Millimeter
UNSPSC	31171504
series:	30
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	62x25x17
Snap Ring	No
Width (mm)	17
bore type:	Round
Weight / LBS	0.57
Mass bearing	0.24 kg
maximum rpm:	13000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
D2	52.7 mm
d1	36.6 mm
Keyword String	Ball
bore diameter:	25 mm
cage material:	Steel
fillet radius:	1 mm
overall width:	17 mm
Bearing number	305

Limiting speed	13000 r/min
Rolling Element	Ball Bearing
Reference speed	20000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outside Diameter	2.441 Inch 62 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
Long Description	25MM Bore; 62MM Outside Diameter; 17MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
outer ring width:	17 mm
Manufacturer Name	SKF
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	62 mm
Weight / Kilogram	0.26
Bore Diameter (mm)	62
Internal Clearance	C0-Medium
da min.	32 mm
Da max.	55 mm
ra max.	1 mm
internal clearance:	C0
Outer Diameter (mm)	25
snap ring included:	Without Snap Ring
r1,2 min.	1.1 mm
da - min.	32 mm
Da - max.	55 mm
ra - max.	1 mm

Minimum Buy Quantity	N/A
static load capacity:	15.6 kN
D2 ?	52.7 mm
row type & fill slot:	Single Row Filling Slot
r1,2 - min.	1.1 mm
dynamic load capacity:	22.9 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	305
Internal Special Features	No
thrust application warning:	This product can not be used in Thrust Applications
Basic dynamic load rating C	22.9 kN
Basic dynamic load rating - C	22.9 kN
Maximum Capacity / Filling Slot	Yes
Fatigue load limit Pu	0.67 kN
Calculation factor kr	0.05
Fatigue load limit - Pu	0.67 kN
Calculation factor - kr	0.05
Basic static load rating C0	15.6 kN
Basic static load rating - C0	15.6 kN