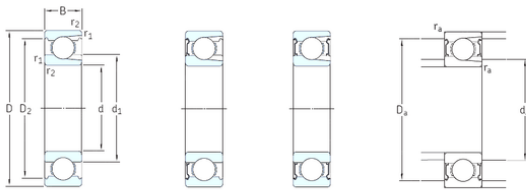




Air Suspension Bearing Co., Ltd



25 mm x 62 mm x 17 mm SKF 305-Z deep groove ball bearings

Bearing No. 305-Z

305-Z Bearing 2D drawings and 3D CAD models

Size	25x62x17 mm
Bore Diameter	25 mm
Outer Diameter	62 mm
Width	17 mm
d	25 mm
D	62 mm
B	17 mm
C	17 mm
d1	36,6 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
D2	52,7 mm
da min.	32 mm
da max	32,7 mm
Da max.	55 mm
ra max.	1 mm
Weight	0,24 Kg
Basic dynamic load rating (C)	22,9 kN
Basic static load rating (C0)	15,6 kN
Fatigue load limit (Pu)	0,67
Reference speed	20000 r/min
Limiting speed	13000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



Air Suspension Bearing Co., Ltd

Minimum Buy Quantity	N/A
Weight / Kilogram	0.259
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	25MM Bore; 62MM Outside Diameter; 17MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	305 Z
Weight / LBS	0.57
Outer Race Width	0.669 Inch 17 Millimeter
Bore	0.984 Inch 25 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
bore diameter:	25 mm
static load capacity:	15.6 kN
outside diameter:	62 mm



Air Suspension Bearing Co., Ltd

precision rating:	ABEC 3 (ISO Class 6)
overall width:	17 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Single Shield
outer ring width:	17 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	13000 RPM
internal clearance:	C0
series:	30
dynamic load capacity:	22.9 kN
thrust application warning:	This product can not be used in Thrust Applications
D_2	52.7 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	32 mm
d_a max.	32.7 mm
D_a max.	55 mm
r_a max.	1 mm
Basic dynamic load rating C	22.9 kN
Basic static load rating C_0	15.6 kN
Fatigue load limit P_u	0.67 kN
Calculation factor k_r	0.05
Mass bearing	0.24 kg