



PCIF BEARING LIMITED



25 mm x 62 mm x 17 mm skf 305 bearing

Bearing No. 305

305 Bearing 2D drawings and 3D CAD models

Size	62x25x17 mm
Bore Diameter	62 mm
Outer Diameter	25 mm
Width	17 mm
d	25 mm
D	62 mm
B	17 mm
d ₁	36.6 mm
D ₂	52.7 mm
r _{1,2} - min.	1.1 mm
d _a - min.	32 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
Reference speed	20000 r/min
Limiting speed	13000 r/min
Calculation factor - k _r	0.05
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.26
EAN	7316576680151



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Product Group	B00308
Enclosure	Open
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; Open; 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
Weight / LBS	0.57
Outside Diameter	2.441 Inch 62 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
Bore	0.984 Inch 25 Millimeter
bore diameter:	25 mm
static load capacity:	15.6 kN
outside diameter:	62 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	17 mm



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finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
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.	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