



Metallurgy Heavy Bearing Manufacturin...



6305 Bearing 2D drawings and 3D CAD models

SKF/NSK/NTN/NACHI/Koyo Deep Groove Ball Bearing 6305

Bearing No. 6305

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
r min.	1.1 mm
da min.	32 mm
Da max.	55 mm
ra max.	1.0 mm
Weight	0.232 Kg
Basic dynamic load rating (C)	23,6 kN
Basic static load rating (C0)	12,1 kN
(Grease) Lubrication Speed	11000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling	No



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Slot	
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 Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.nachiamerica.com
Weight / LBS	0.52
Bore	0.984 Inch 25 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	25 mm
Width	17 mm
Fillet Radius/Chamfer	1.1 mm
Dynamic Load Rating	23,600 N



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Static Load Rating	12,100 N
Limiting Speed - Grease	12,000 rpm
Limiting Speed - Oil	14,000 rpm
Factor f_0	12.2
Radial Clearance	0.005 to 0.020 mm
d_a (min)	32 mm
D_a (max)	55 mm
r_a (max)	1 mm