



21305 CC Bearing 2D drawings and 3D CAD models

## 25 mm x 62 mm x 17 mm SKF 21305 CC Spherical Roller Bearings

Bearing No. 21305 CC

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.284
EAN	7316576651601
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	No
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
Long Description	25MM Straight Bore; 62MM Outside Diameter; 17MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Not Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510



## Xiamen Senhengyuan Machinery Equipmen...

Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	0.626
D	2.441 Inch   62 Millimeter
d	0.984 Inch   25 Millimeter
B	0.669 Inch   17 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
bore diameter:	25 mm
maximum rpm:	12000 RPM
outside diameter:	62 mm
operating temperature range:	Maximum of +390 ° F
overall width:	17 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	17 mm
dynamic load capacity:	48 kN
fillet radius:	1 mm
static load capacity:	41.5 kN
series:	213
d	25 mm
D	62 mm

## Xiamen Senhengyuan Machinery Equipmen...

B	17 mm
$d_2$	35.7 mm
$D_1$	50.7 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	49.1 kN
Basic static load rating $C_0$	41.5 kN
Fatigue load limit $P_u$	4.55 kN
Reference speed	9300 r/min
Limiting speed	12000 r/min
Calculation factor e	0.3
Calculation factor $Y_1$	2.3
Calculation factor $Y_2$	3.4
Calculation factor $Y_0$	2.2
Mass bearing	0.28 kg