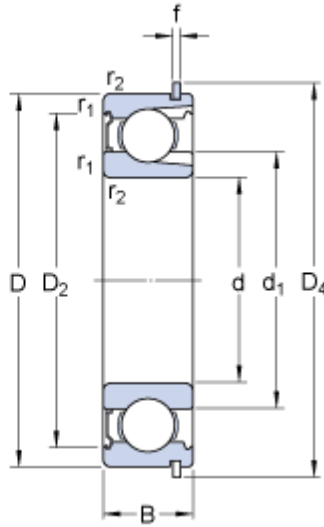
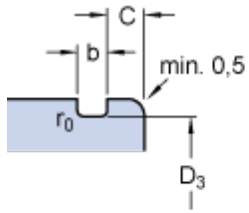




# Bearings International Co., Ltd



## SKF 305-ZNR deep groove ball bearings

Bearing No. 305-ZNR

Size	62x25x17 mm
Bore Diameter	62 mm
Outer Diameter	25 mm
Width	17 mm
d	25 mm
D	62 mm
B	17 mm
d <sub>1</sub>	36.6 mm
D <sub>2</sub>	52.7 mm
D <sub>3</sub>	59.61 mm
D <sub>4</sub>	67.7 mm
b	1.9 mm
C	3.28 mm
f	1.7 mm
r <sub>0</sub>	0.6 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	32 mm
d <sub>a</sub> - max.	32.7 mm
D <sub>a</sub> - max.	55 mm
D <sub>b</sub> - min.	69 mm
b <sub>a</sub> - min.	2.2 mm
C <sub>a</sub> - max.	4.98 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	22.9 kN
Basic static load rating - C <sub>0</sub>	15.6 kN

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



## Bearings International Co., Ltd

Fatigue load limit - P <sub>u</sub>	0.67 kN
Reference speed	20000 r/min
Limiting speed	13000 r/min
Calculation factor minimum radial load - k <sub>r</sub>	0.05
Mass bearing	0.24 kg
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.26
EAN	7316576609855
Product Group	B04270
Enclosure	1 Metal Shield
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	Yes
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; Yes Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



## Bearings International Co., Ltd

Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	305 ZNR
Weight / LBS	0.58
Outer Race Width	0.669 Inch   17 Millimeter
Outside Diameter	2.441 Inch   62 Millimeter
Bore	0.984 Inch   25 Millimeter
$D_2$	52.7 mm
$D_3$	59.61 mm
$D_4$	67.7 mm
$r_0$ max.	0.6 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	32 mm
$d_a$ max.	32.7 mm
$D_a$ max.	55 mm
$D_b$ min.	69 mm
$b_a$ min.	2.2 mm
$C_a$ max.	4.98 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
Snap ring	SP 62