



207-2Z Bearing 2D drawings and 3D CAD models

## SKF Bearing 207-2Z

Bearing No. 207-2Z

Size	72x35x17 mm
Bore Diameter	72 mm
Outer Diameter	35 mm
Width	17 mm
d	35 mm
D	72 mm
B	17 mm
d <sub>1</sub>	46.94 mm
D <sub>2</sub>	62.69 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	42 mm
d <sub>a</sub> - max.	46.8 mm
D <sub>a</sub> - max.	65 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	27.5 kN
Basic static load rating - C <sub>0</sub>	22 kN
Fatigue load limit - P <sub>u</sub>	0.93 kN
Reference speed	17000 r/min
Limiting speed	8000 r/min
Calculation factor - k <sub>r</sub>	0.04
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.331



## Star Precision Bearing Trading Co.,Ltd

EAN	7316577292735
Product Group	B00308
Enclosure	2 Metal Shields
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	35MM Bore; 72MM Outside Diameter; 17MM Outer Race Diameter; 2 Metal Shields; 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	207 2Z
Weight / LBS	0.7
Bore	1.378 Inch   35 Millimeter
Outside Diameter	2.835 Inch   72 Millimeter
Outer Race Width	0.669 Inch   17 Millimeter
bore diameter:	35 mm
static load capacity:	22 kN
outside diameter:	72 mm
precision rating:	ABEC 3 (ISO Class 6)

## Star Precision Bearing Trading Co.,Ltd

overall width:	17 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Shielded
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:	10000 RPM
internal clearance:	C0
series:	20
dynamic load capacity:	27.5 kN
thrust application warning:	This product can not be used in Thrust Applications
$d_1$	46.94 mm
$D_2$	62.69 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	42 mm
$d_a$ max.	46.8 mm
$D_a$ max.	65 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	27.5 kN
Basic static load rating $C_0$	22 kN
Fatigue load limit $P_u$	0.93 kN
Calculation factor $k_r$	0.04
Mass bearing	0.31 kg