



# BEARING CORP.OF CANADA LTD.



31.75 mm x 72 mm x 33 mm SKF YAT 207-104  
Insert Bearings Spherical OD

Bearing No. YAT 207-104

YAT 207-104 Bearing 2D drawings and 3D CAD models

Category	Insert Bearings Spherical OD
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.35
EAN	7316571504629
Product Group	M06110
Inner Race Profile	Narrow Inner Ring
Outer Race Profile	Spherical
Relubricatable	Yes
Seal Type	M Seal
Mounting Method	Set Screw
Rolling Element	Ball Bearing
Snap Ring	No
Long Description	1-1/4" Bore; Narrow Inner Ring; Ball Bearing; 1.378" Length Thru Bore; 0.748" Outer Race Width; 2.835" Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method
Inch - Metric	Inch
Other Features	Single Row   Standard Duty   Grub Screw
Category	Insert Bearings
UNSPSC	31171536



## BEARING CORP.OF CANADA LTD.

Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Insert
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	YAT 207-104
Weight / LBS	0.772
Outer Race Width	0.748 Inch   18.999 Millimeter
D	2.835 Inch   72.009 Millimeter
D	1.378 Inch   35.001 Millimeter
d	1.25 Inch   31.75 Millimeter
bore diameter:	1.2500 in
radial dynamic load capacity:	25.5 kN
outside diameter:	72 mm
radial static load capacity:	15.3 kN
outer ring width:	19 mm
bearing material:	Stainless Steel
inner ring width:	35 mm
finish/coating:	Zinc Plated
bore type:	Round
maximum rpm:	5300 RPM
locking device:	Set Screw
series:	YAT2
d	31.75 mm
D	72 mm
B	33 mm
C	19 mm
d <sub>1</sub>	46.1 mm
B <sub>4</sub>	6 mm
r <sub>1,2</sub> min.	1 mm



## BEARING CORP.OF CANADA LTD.

$s_1$	23.3 mm
Basic dynamic load rating C	25.5 kN
Basic static load rating $C_0$	15.3 kN
Fatigue load limit $P_u$	0.655 kN
Limiting speed <sup>1)</sup>	5300 r/min
Calculation factor $f_0$	14
Mass complete bearing	0.42 kg
Thread grub screw $G_2$	5/16-24 UNF
Hexagonal key size for grub screw N	3.969 mm
Recommended tightening torque for grub screw	6.5 N · m