



## NTN Bearing Driveshaft do Brasil



YAT 205 Bearing 2D drawings and 3D CAD models

25 mm x 52 mm x 27.2 mm SKF YAT 205 Insert Bearings Spherical OD

Bearing No. YAT 205

Category	Insert Bearings Spherical OD
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.14
EAN	7316570707502
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	25MM Bore; Narrow Inner Ring; Ball Bearing; 27.2MM Length Thru Bore; 15MM Outer Race Width; 52MM Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method; No Snap Ring
Inch - Metric	Metric
Other Features	Single Row   Standard Duty   Grub Screw   Metric
Category	Insert Bearings
UNSPSC	31171536



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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 205
Weight / LBS	0.309
Outer Race Width	0.591 Inch   15 Millimeter
D	1.071 Inch   27.2 Millimeter
d	0.984 Inch   25 Millimeter
D	2.047 Inch   52 Millimeter
bore diameter:	25 mm
radial dynamic load capacity:	3147 lbf
outside diameter:	52 mm
radial static load capacity:	1754 lbf
outer ring width:	15 mm
maximum rpm:	7000 rpm
inner ring width:	27.2 mm
seal type:	M-Seals
bore type:	Round
manufacturer product page:	<a href="#">Click here</a>
locking device:	Set Screw
manufacturer upc number:	7316570707502
overall width:	27.2 mm
d	25 mm
D	52 mm
B	27.2 mm
C	15 mm
d <sub>1</sub>	33.74 mm
B <sub>4</sub>	5 mm
r <sub>1,2</sub> min.	0.6 mm
s <sub>1</sub>	19.5 mm
Basic dynamic load rating C	14 kN



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Basic static load rating $C_0$	7.8 kN
Fatigue load limit $P_u$	0.335 kN
Limiting speed <sup>1)</sup>	7000 r/min
Calculation factor $f_0$	14
Mass complete bearing	0.16 kg
Thread grub screw $G_2$	M6x0.75
Hexagonal key size for grub screw N	3 mm
Recommended tightening torque for grub screw	4 N · m