



# NTN Bearing Rolamentos do Brasil Ltda.



17 mm x 30 mm x 7 mm skf W 61903 Deep groove ball bearings

Bearing No. W 61903

W 61903 Bearing 2D drawings and 3D CAD models

Size	30x17x7 mm
Bore Diameter	30 mm
Outer Diameter	17 mm
Width	7 mm
d	17 mm
D	30 mm
B	7 mm
d <sub>1</sub>	21 mm
D <sub>2</sub>	27.8 mm
r <sub>1,2</sub> - min.	0.3 mm
d <sub>a</sub> - min.	19 mm
D <sub>a</sub> - max.	28.5 mm
r <sub>a</sub> - max.	0.3 mm
Basic dynamic load rating - C	4 kN
Basic static load rating - C <sub>0</sub>	2.6 kN
Fatigue load limit - P <sub>u</sub>	0.108 kN
Reference speed	50000 r/min
Limiting speed	32000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	14.8
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## NTN Bearing Rolamentos do Brasil Ltda.

Weight / Kilogram	0
EAN	7316570439632
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Stainless Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	17MM Bore; 30MM Outside Diameter; 7MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainless Steel
Other Features	Deep Groove
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>
Weight / LBS	0.0353
Outer Race Width	0.276 Inch   7 Millimeter
Outside Diameter	1.181 Inch   30 Millimeter
Bore	0.669 Inch   17 Millimeter
Inner Race Width	0 Inch   0 Millimeter
d <sub>1</sub>	21 mm



## NTN Bearing Rolamentos do Brasil Ltda.

$D_2$	27.8 mm
$r_{1,2}$ min.	0.3 mm
$d_a$ min.	19 mm
$D_a$ max.	28.5 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	3.97 kN
Basic static load rating $C_0$	2.55 kN
Fatigue load limit $P_u$	0.108 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.8
Mass bearing	0.015 kg