



# NTN Bearing Rolamentos do Brasil Ltda.



## 63.5 mm x 139.7 mm x 31.75 mm skf RMS 20 Deep groove ball bearings

Bearing No. RMS 20

RMS 20 Bearing 2D drawings and 3D CAD models

Size	139.7x63.5x31.75 mm
Bore Diameter	139,7 mm
Outer Diameter	63,5 mm
Width	31,75 mm
d	63.5 mm
D	139.7 mm
B	31.75 mm
d <sub>1</sub>	88.35 mm
D <sub>1</sub>	116.35 mm
r <sub>1,2</sub> - min.	3.2 mm
d <sub>a</sub> - min.	77 mm
D <sub>a</sub> - max.	128 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	92.3 kN
Basic static load rating - C <sub>0</sub>	60 kN
Fatigue load limit - P <sub>u</sub>	2.5 kN
Reference speed	10000 r/min
Limiting speed	6700 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.2
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## NTN Bearing Rolamentos do Brasil Ltda.

Weight / Kilogram	2.078
EAN	7316577018038
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	Steel
Internal Clearance	C0-Medium
Inch - Metric	Inch
Long Description	2-1/2" Bore; 5-1/2" Outside Diameter; 1-1/4" Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No 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	RMS 20
Weight / LBS	4.577
Outer Race Width	1.25 Inch   31.75 Millimeter
Outside Diameter	5.5 Inch   139.7 Millimeter
Bore	2.5 Inch   63.5 Millimeter
bore diameter:	2.5000 in
static load capacity:	60 kN
outside diameter:	5.5000 in



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precision rating:	Not Rated
overall width:	1.2500 in
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	31.75 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
internal clearance:	C0
maximum rpm:	6700 RPM
dynamic load capacity:	92.3 kN
series:	RMS
$d_1$	88.35 mm
$D_1$	116.35 mm
$r_{1,2}$ min.	3.2 mm
$d_a$ min.	77 mm
$D_a$ max.	128 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	92.3 kN
Basic static load rating $C_0$	60 kN
Fatigue load limit $P_u$	2.5 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.2
Mass bearing	2.07 kg