



# MAK Metallurgy Heavy Bearing Manufact...



90 mm x 190 mm x 43 mm SKF 6318 Deep groove ball bearings 6318 Bearing size 90X190X43

Bearing No. 6318

6318 Bearing 2D drawings and 3D CAD models

Size	190x90x43 mm
Bore Diameter	190 mm
Outer Diameter	90 mm
Width	43 mm
d	90 mm
D	190 mm
B	43 mm
d <sub>1</sub>	121.15 mm
D <sub>2</sub>	163.9 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	104 mm
D <sub>a</sub> - max.	176 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	151 kN
Basic static load rating - C <sub>0</sub>	108 kN
Fatigue load limit - P <sub>u</sub>	3.8 kN
Reference speed	7500 r/min
Limiting speed	4800 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## MAK Metallurgy Heavy Bearing Manufact...

Weight / Kilogram	4.987
EAN	7316577297952
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	Metric
Long Description	90MM Bore; 190MM Outside Diameter; 43MM Outer Race Diameter; 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	6318
Weight / LBS	11
Outside Diameter	7.48 Inch   190 Millimeter
Bore	3.543 Inch   90 Millimeter
Outer Race Width	1.693 Inch   43 Millimeter
bore diameter:	90 mm
static load capacity:	108 kN
outside diameter:	190 mm



## MAK Metallurgy Heavy Bearing Manufact...

precision rating:	Not Rated
overall width:	43 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	43 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	4800 RPM
internal clearance:	C0
series:	63
dynamic load capacity:	151 kN
$d_1$	121.15 mm
$D_2$	163.9 mm
$r_{1,2}$ min.	3 mm
$d_a$ min.	104 mm
$D_a$ max.	176 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	151 kN
Basic static load rating $C_0$	108 kN
Fatigue load limit $P_u$	3.8 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.3
Mass bearing	4.97 kg