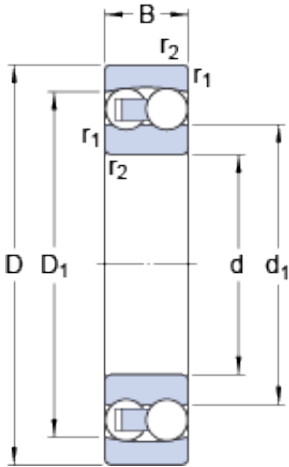




**For Rexroth INC**



Bearing 2D drawings and 3D CAD models

Replacement Japan excavator engine part on  
4D95L water pump 6204-61-1102

Bearing No.

Size	170x80x58 mm
Bore Diameter	170 mm
Outer Diameter	80 mm
Width	58 mm
d	80 mm
D	170 mm
B	58 mm
d <sub>1</sub>	104.4 mm
D <sub>1</sub>	145.1 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	92 mm
D <sub>a</sub> - max.	158 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	135 kN
Basic static load rating - C <sub>0</sub>	49 kN
Fatigue load limit - P <sub>u</sub>	2.2 kN
Reference speed	7000 r/min
Limiting speed	5300 r/min
Calculation factor - k <sub>r</sub>	0.05
Calculation factor - e	0.37
Calculation factor - Y <sub>0</sub>	1.8
Calculation factor - Y <sub>1</sub>	1.7
Calculation factor - Y <sub>2</sub>	2.6



## For Rexroth INC

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.835
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg
Long Description	80MM Bore; Shaft Mount; 170MM Outside Diameter; 58MM Inner Race Width; 58MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1   ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	2316
Weight / LBS	12.853
Inner Race Width	2.283 Inch   58 Millimeter
Bore	3.15 Inch   80 Millimeter
Outer Race Width	2.283 Inch   58 Millimeter



## For Rexroth INC

Outside Diameter	6.693 Inch   170 Millimeter
bore diameter:	80 mm
dynamic load capacity:	135 kN
outside diameter:	170 mm
static load capacity:	49 kN
overall width:	58 mm
precision rating:	Not Rated
bore type:	Straight
maximum rpm:	5300 RPM
closure type:	Open
finish/coating:	Uncoated
internal clearance:	C0
series:	231
$d_1$	104.4 mm
$D_1$	145.1 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	92 mm
$D_a$ max.	158 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	135 kN
Basic static load rating $C_0$	49 kN
Fatigue load limit $P_u$	2.24 kN
Permissible angular misalignment	3 °
Calculation factor $k_r$	0.05
Calculation factor e	0.37
Calculation factor $Y_0$	1.8
Calculation factor $Y_1$	1.7
Calculation factor $Y_2$	2.6
Mass bearing	6.1 kg