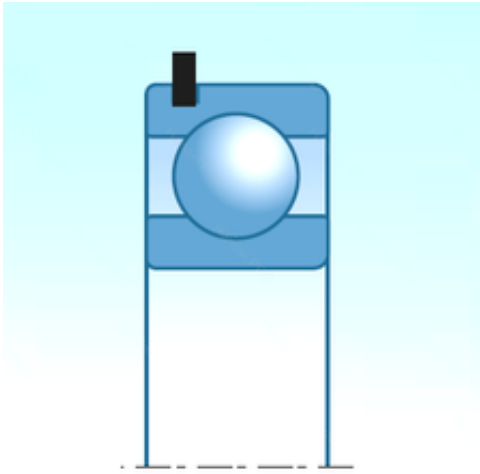




EDB BEARING CORP.



6312ZNR Bearing 2D drawings and 3D CAD models

60,000 mm x 130,000 mm x 31,000 mm FAG HCS71909-E-T-P4S Bearing

Bearing No. 6312ZNR

Size	60x130x31 mm
Bore Diameter	60,000 mm
Outer Diameter	130,000 mm
Width	31,000 mm
d	60,000 mm
D	130,000 mm
B	31,000 mm
C	31,000 mm
a min	3.86 mm
a max	4.06 mm
Ca min	6.68 mm
Ca max	6.88 mm
rs min	2.1 mm
rNs min	0.5 mm
D3 max	125.22 mm
b min	3.1 mm
b max	3.4 mm
r0 max	0.6 mm
D4 max	139.7 mm
f	2.82 mm
Snap ring reference	R130
Radial clearance class	CN
Mass	1.73 kg
Dynamic load, C	82 kN
Static load, C0	52 kN



EDB BEARING CORP.

Fatigue limit load, Cu	2.36 kN
f0	13.2
Nlim (oil)	6,300 rpm
Nlim (grease)	5,400 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.09 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BPF1	4.93 Hz
da min	71 mm
Da max	119 mm
ra max	2 mm
rNa max	0.5 mm
Db min	141.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.7
EAN	4547359397581
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes



EDB BEARING CORP.

Internal Special Features	No
Cage Material	Steel
Internal Clearance	C3-Loose
Inch - Metric	Metric
Long Description	60MM Bore; 130MM Outside Diameter; 31MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes 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	http://www.ntnamerica.com
Manufacturer Item Number	6312ZNR
Weight / LBS	3.75
Outer Race Width	1.22 Inch 31 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Bore	2.362 Inch 60 Millimeter
bore diameter:	60 mm
precision rating:	ISO Class 0
outside diameter:	130 mm
finish/coating:	Uncoated
overall width:	31 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Shield
inner ring width:	31 mm
row type & fill slot:	Single Row Non-Fill Slot



EDB BEARING CORP.

outer ring width:	31 mm
snap ring included:	With Snap Ring
maximum rpm (grease):	5400 rpm
internal clearance:	CN
maximum rpm (oil):	6300 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	2.1 mm
dynamic load capacity:	82000 N
manufacturer product page:	Click here
static load capacity:	52000 N