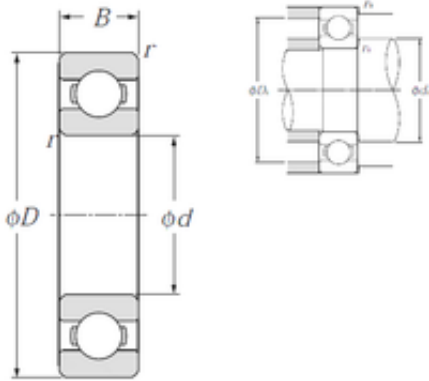




JP Motion Bearing Supply

NTN 6024 BEARING OPEN 6024P6 6024-P6 120x180x28 mm JAPAN

Bearing No. 6024



6024 Bearing 2D drawings and 3D CAD models

Size	120x180x28 mm
Bore Diameter	120 mm
Outer Diameter	180 mm
Width	28 mm
d	120 mm
D	180 mm
B	28 mm
C	28 mm
r min.	2 mm
da min.	129 mm
da max	136 mm
Da max.	171 mm
ra max.	2 mm
Weight	2,07 Kg
Basic dynamic load rating (C)	85 kN
Basic static load rating (C0)	79,5 kN
(Grease) Lubrication Speed	3 500 r/min
(Oil) Lubrication Speed	4 100 r/min
rs min	2 mm
Radial clearance class	CN
Mass	2.07 kg
Dynamic load, C	85 kN
Static load, C0	79.5 kN
Fatigue limit load, Cu	2.95 kN
f0	15.9



JP Motion Bearing Supply

Nlim (oil)	4,100 rpm
Nlim (grease)	3,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.1 Hz
Characteristic outer ring frequency, BPF0	6.59 Hz
Characteristic inner ring frequency, BPFI	8.41 Hz
da min	129 mm
Da max	171 mm
ra max	2 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.122
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	120MM Bore; 180MM Outside Diameter; 28MM



JP Motion Bearing Supply

	Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
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	http://www.ntnamerica.com
Manufacturer Item Number	6024
Weight / LBS	4.56
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.102 Inch 28 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
Bore	4.724 Inch 120 Millimeter
bore diameter:	120 mm
finish/coating:	Uncoated
outside diameter:	180 mm
bearing material:	High Carbon Chrome Steel
overall width:	28 mm
cage material:	Steel
bore type:	Round
inner ring width:	28 mm
closure type:	Open
outer ring width:	28 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	3500 rpm
snap ring included:	Without Snap Ring



JP Motion Bearing Supply

maximum rpm (oil):	4100 rpm
internal clearance:	CN
fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	4100 RPM
dynamic load capacity:	85000 N
series:	60
static load capacity:	79500 N
manufacturer product page:	Click here
precision rating:	Class 0