

Double-row Angular Contact Ball Bearings for Car Air Conditioning Magnetic Clutch

NACHI

BG Type

Superior Designs for A/C Applications Around the World



By developing special BG bearing series, NACHI has surpassed the needs and demands in the air conditioning market. Through these accomplishments NACHI has gained recognition and increased market share around the world.

■ **Best Components support Bearing Performance**

*Selected Ring Material
Optimum Heat Treatment for A/C
Well Controlled Accuracy, Roundness and Surface Finish
Special Design Glass Reinforced Polyamide Cage*

■ **Advanced Seal Design**

*Excellent Grease Retention
Superb Dust / Water Proof
Light Rotating Torque
High Temperature Resistance*

■ **High-performance Grease**

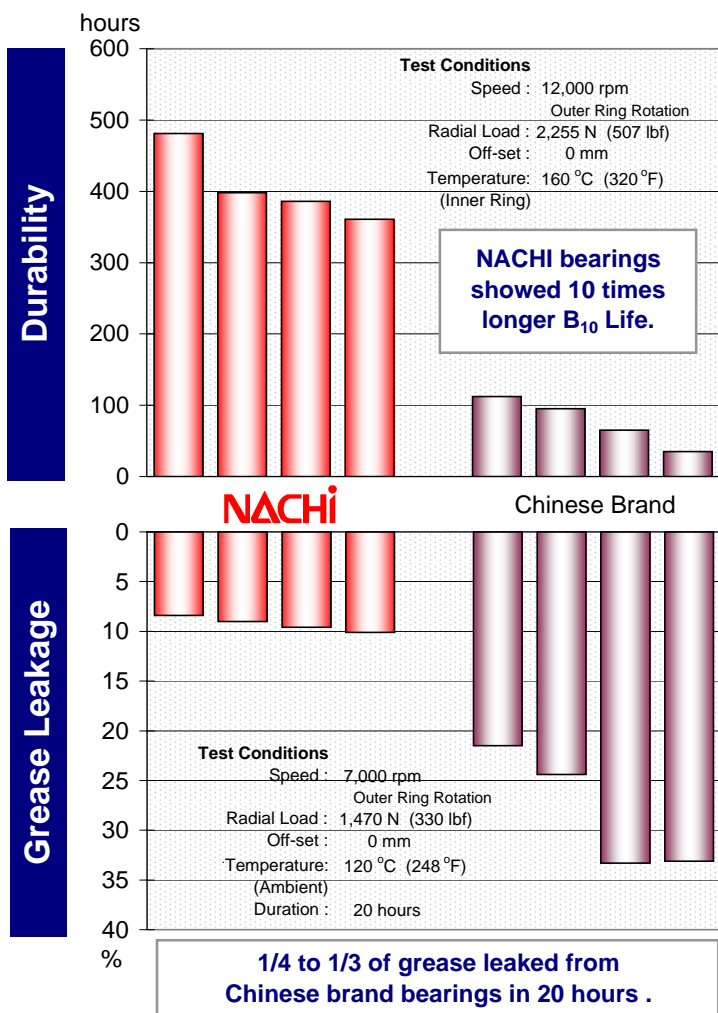
*Specially Blended Oil, Thickener and Additives
Durability in High Temperature
Smooth and Quiet Rotation*

Technical Information

Comparison Test Results

NACHI vs. Chinese brand popular in Texas

Tested Bearing : 30BG05S5G-2DS (φ30 x φ55 x 23 mm)



Note : Chinese brand bearing ;

- Seals rotate with inner ring in seal groove even before test.
- Conventional mineral oil grease is used.
- Excessive amount of leaked grease that may cause clutch engagement problem was observed in pulley after the tests.

Dimensions

Unit : mm

BEARING NO.	BORE	O.D.	WIDTH
30BG04S21G-2DST	30	47	20
30BG04S13-2DST2	30	47	22
30BGS32G-2DST	30	52	20
30BG5222-2DSE	30	52	22
30BG05S5G-2DS	30	55	23
30BGS1G-2DSKAI	30	62	27
32BG05S1-2DST	32	55	23
35BG05S7G-2DL	35	50	20
35BG5220-2DL	35	52	20
35BG5222-2DL	35	52	22
35BG05S16G-2DL2F	35	55	20
35BG5522-2DL2	35	55	22
35BG06G-2DS	35	62	21
38BG05S6G-2DST2F	38	54	17
40BG5720-2DS	40	57	20
40BG05S2G-2DS	40	57	24
40BG62020-2DL	40	62	20.625
40BGS12G-2DS	40	62	20.637/24
40BGS11G-2NSL	40	62	24
40BGS36G-2DST2F	40	62	24
40BGS39G-2DL	40	66	24

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