



AIR CONDITIONER BEARINGS FROM NTN-SNR



With You



A NICHE MARKET:

Originally only fitted to top of the range vehicles, today most vehicles are fitted with an air conditioning system. Central to the system is a compressor where we find a 2 row ball bearing. Two problems can occur with these bearings:

- a high noise level
- a broken bearing

TWO ALTERNATIVES FOR REPLACEMENTS WITH COMPRESSORS:

a complete exchange replacement or in some circumstances, for reasons of economy a replacement of the bearings.

NTN-SNR on
65 %
of car models fitted with
an air conditioner

The selection of replacement compressor bearings is based on the bearing dimensions and not on vehicle model, as with our other ranges of Automotive Replacement bearings.

SOME DETAILS:

6 references for 30 types of compressors on more than 1713 models of car

Examples of assembly	Size of the bearing (dxDxb)	NTN-SNR Reference
10PA17C ; 7SB16C ; ...	30 x 52 x 22	ACB 30 x 52 x 22
FS10 ; ...	30 x 55 x 23	ACB 30 x 55 x 23
Harrison CVC ; SD6V12 ; ...	35 x 50 x 20	ACB 35 x 50 x 20
7SBU17C ; PXV16 ; SC08 ; SCS08 ; ...	35 x 52 x 20	ACB 35 x 52 x 20
SD7V12 ; SD7H15 ; SD7V16 ; SD709 ; DKS13 ; ...	35 x 55 x 20	ACB 35 x 55 x 20
6CA17C ; 6SEU12 ; 6SEU12C ; PXE16 ; ...	35 x 52 x 22	ACB 35 x 52 x 22
Zexel DCW17B ; ...	35 x 62 x 24	ACB 35 x 62 x 24
Harrison V5 ; ...	40 x 62 x 20,625	ACB 40 x 62 x 20,625
10P15C ; SD508 ; SD510 ; ...	40 x 62 x 24	ACB 40 x 62 x 24

The replacement of compressor bearings is not possible with compressor models 7SEU16C / 7SBU16C. (Nippondenso, models after 2000)

The NTN-SNR range



Dimensions	NTN-SNR Reference	Compressor type
30x52x22	ACB30x52x22	10PA15C
		10PA17C
		10PA17J
		10PA20C
		7SB16C
		7SBU16
		TV12SC
30x55x23	ACB30x55x23	Bosch DV14
		FS10
35x50x20	ACB35x50x20	Harrison CVC
		SD6V12
		SD7B10
35x52x20	ACB35x52x20	PXE16
		PXV16
		SC08
		SD7C16
		SD7H13
		SD7H15
		SD7V12
		SD7V16
		TM15
		TR70
		Zexel DCW17D
35x62x24	ACB35x62x24	Zexel DCW17B
40x62x20,625	ACB40x62x20.625	6CA17
		Harrison A6/ GM A6
		Harrison V5
40x62x24	ACB40x62x24	10P15C
		10P15E
		SD508
		SD510
		SD510

Cross references

Size of the bearing	NTN-SNR Reference	NTN*	NSK	Koyo
35x52x22	ACB35x52x22	35BGS5S10G-2DST2	35BD5222DDUM18A 35BD5222DFX7	DAC35520022
30x52x22	ACB30x52x22	30BG5222-2DSE	30BD5222	DAC3052-32R
30x55x23	ACB30x55x23	30BG05S5G		
35x50x20	ACB35x50x20	2TS2-DF07R17LLA4#06	35BD5020DU	DAC35500020
35x52x20	ACB35x52x20	2TS2-DF07R21LLA4#02	35BD5220DF	
35x55x20	ACB35x55x20	2TS2-DF07A02LLX2#03	35BD219T12DDULG2 35BD219T12DDULG21 35BD219DUK	DAC3555RD3H
35x62x24	ACB35x62x24	2TS2-DF07R12LLHA#01	35BD6224DDUK 35BD6224DV	
40x62x20,625	ACB40x62x20,625	712019-NBR-2	907257A	83A5518
40x62x24	ACB40x62x24	2TS2-DF0865LLBCS#01	40BD219DU	83A551B4

* May contain references that are not of NTN brand