

For automobiles LANOS, SENS, Tavria,  
Slavuta, VAZ-2108, VAZ-2109, VAZ-21099,  
VAZ-2110, VAZ-2111, VAZ-2112



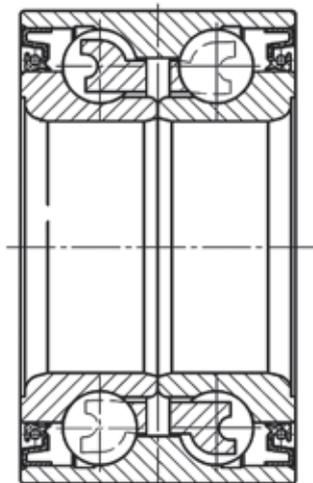
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## Front wheel hub bearing 6-256907AEK12L19

Kharkov Bearing Plant (JSC HARP), former GPZ-8, is one of the leading CIS manufacturers of bearings for automotive and agricultural industries, which are applied in the units of the automotive and agricultural engineering and machinery.

Specialists of the Kharkov Bearing Plant, which was designed and constructed for the needs of agricultural engineering, clearly understand the problems of those, who design and operate agricultural machinery, better than anyone. Great production and design experience (over 60 years) allows the company to constantly enhance and improve the output products, taking into consideration both machinery operating conditions and engineering changes in the machinery of the leading engineering companies.

New production implementation enabled HARP to manufacture bearings of the brand new quality grade, which meets the highest European standards to the products of the automotive and agricultural industries.



Designation of the improved bearing 6-256907AE1K1C17 is 6-256907AEK12L19. It gained significantly improved characteristics of life time and performance in comparison with previously manufactured and supplied to the JSC ZAZ conveyor.

Advanced characteristics of life time and performance of the improved bearing 6-256907AEK12L19 are gained by means of the following:

- ♦ bearing rings manufacture of the hot forged blanks
- ♦ application of cup-type sealing instead of rubber-reinforced sealing
- ♦ application of CHEVRON SRI GREASE NLG12, accepted application of BERUTOX FE 18EP (L20) instead of Litol-24

Implementation of all abovementioned improvements allows to increase the bearing life time more than twice, enhance the bearing tightness, properly protect bearings against moisture and dirt ingress. Cage design provides proper grease distribution between the bearing component contact surfaces.

**Application of the advanced wheel bearing 6-256907AEK12L19 allows to:**

- ♦ increase assembly life time more than twice
- ♦ reduce vibration and noise levels
- ♦ enhance speed characteristics
- ♦ decrease maintenance costs



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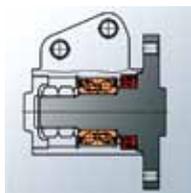
## Front wheel hub bearing 6-256907AEK12L19

Comparison Characteristics  
of the previously produced serial bearing 6-256907AE1K1C17  
and of the enhanced serial bearing 6-256907AEK12L19

Designation	Overall Dimensions, mm			Ball Number, pcs	Axial Clearance, mm		Load rating, N		Grease, gr	Weight, kg	Life Time
	d	D	B		min	max	dynamic C <sub>r</sub>	static C <sub>0</sub>			
6-256907AE1K1C17	34	64	37	28	0.06	0.085	36700	25000	Litol-24 8 ... 9.5	0.455	up to 300 000 km
<b>ENHANCED 6-256907AEK12L19</b>	34	64	37	28	0.04	0.06	40000	27800	CHEVRON SRI GREASE NLG12, 7...8	0.462	<b>up to 600 000 km</b>

**For agricultural machinery and equipment: disc harrows, cultivators, etc.**

6-256907AEK12L19 bearing is applied in maintenance free units, in particular, HARP-AGRO bearing unit.



UPEC TRADING LLC  
4 Marshal Batitskiy Str.  
61038 Kharkiv  
Ukraine

+38 057 711 7054  
+38 057 711 6010  
+38 057 711 2537

office@upec-trading.com  
www.spc.upec.ua  
www.harp.ua  
www.upec.ua