



Belvac Production Machinery Technical Bulletin

Information for Customers Operating & Maintaining Belvac Machines

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REPLACEMENT OF THE MAIN SHAFT BEARINGS FOR THE BELVAC (TBN) NECKING SYSTEM

The original main shaft assemblies of The Belvac Necking System used “double-cup” tapered-roller bearing assemblies (P/N C93102) that have been superseded by similar bearing assemblies (P/N 8953002) that utilize two separate “single-cup” tapered-roller bearings. The two bearings assemblies are 100% interchangeable. The change to single-cup bearings is due to supplier availability. Belvac will no longer supply the “double-cup” bearing assembly P/N C93102 when the existing stock is consumed.

Important note: With either the 8953002 bearing assembly or the superseded C93102 bearing assembly, the bearings must be replaced as a matched assembly. Precision spacers are manufactured to match a specific pair of bearings and bearing races as a set and the set must be used together to achieve proper bearing preload and long life. *Never mix parts from different bearing sets.*

See Figure 1 for a section view of the main shaft sub-assembly, 8951913, which shows the 8953002 taper-roller bearing assembly as installed. The C93102 bearing assembly has a single outer bearing race where the 8953002 assembly has two separate outer races and a spacer for the outer races. See Figures 2 and 3 for section views of the bearing assemblies.

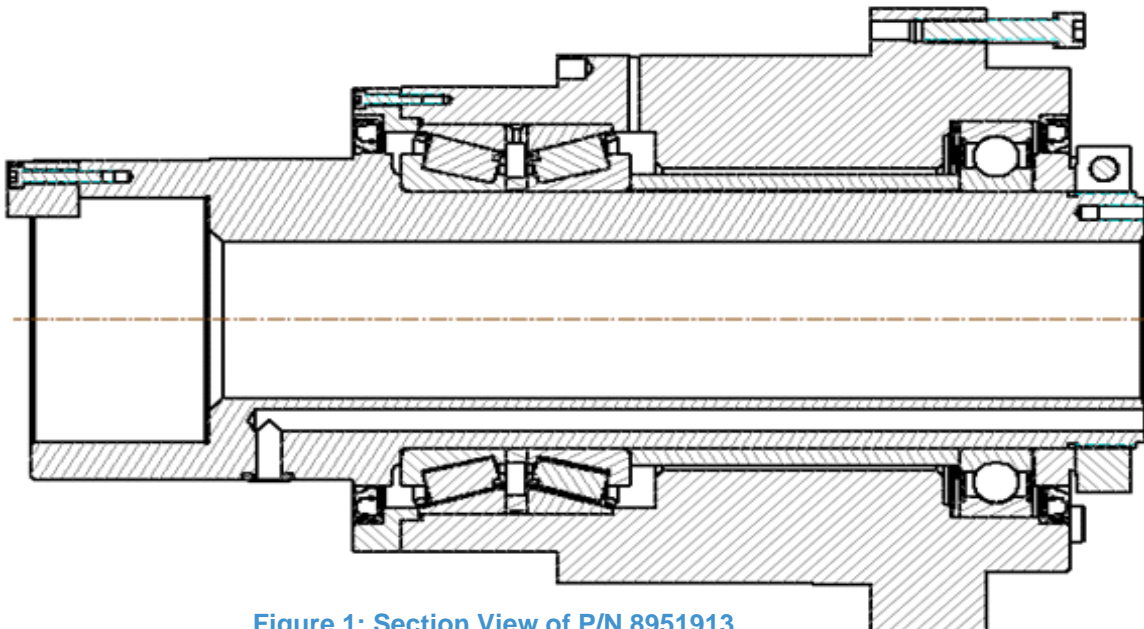


Figure 1: Section View of P/N 8951913



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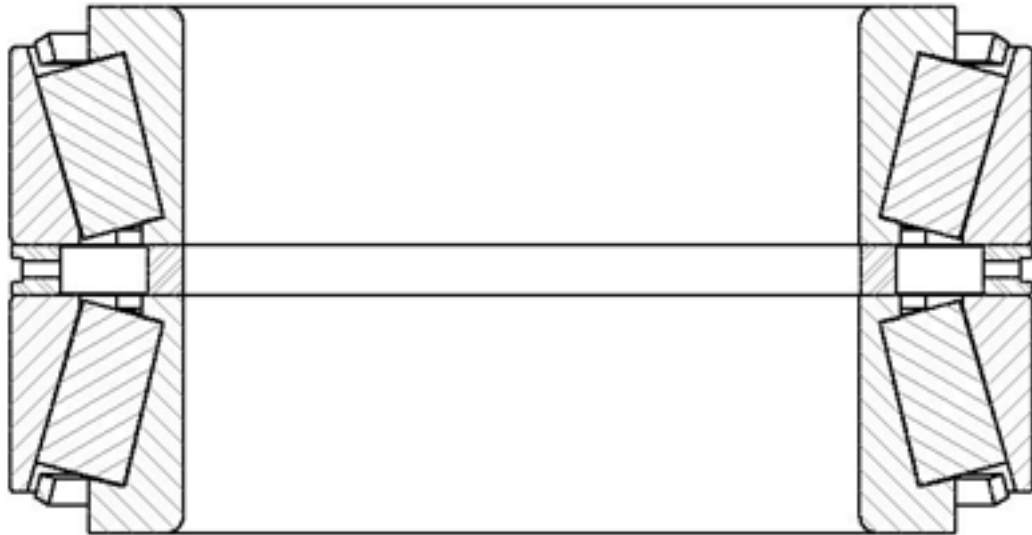


Figure 2: Section View of P/N 8953002

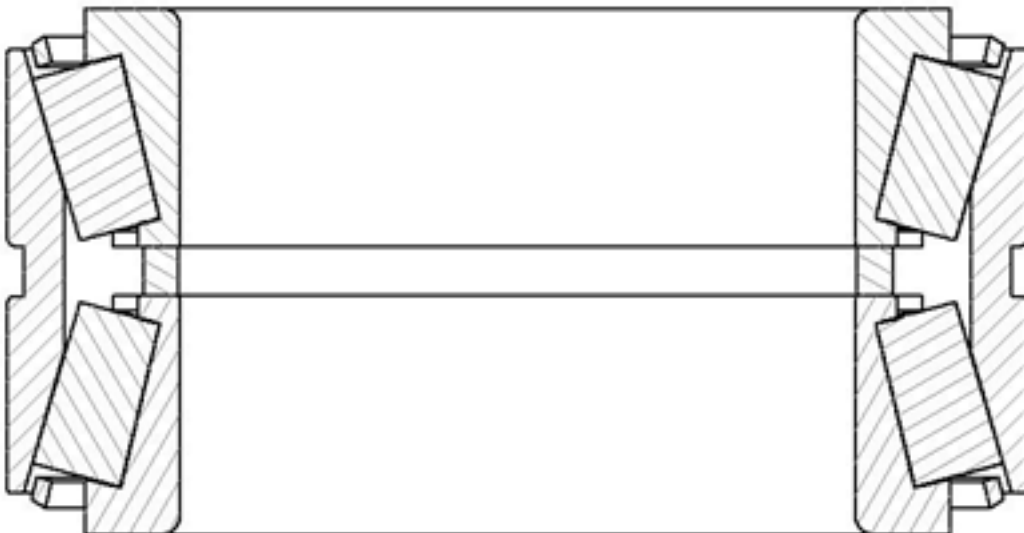


Figure 3: Section View of P/N C93102 (Superseded by P/N 8953002)

For ordering purposes, Qty (1) 8953002 will replace Qty (1) C93102.