
Subject: Re: New Transformer

Posted by [Damir](#) on Mon, 07 Aug 2006 11:27:33 GMT

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You forgot to write 2 , but you compute it well $R_{tr} = 7,5 * (130/117)^2 + 3 = 12,26$ Ohms! It isn't "mine", but it is well known formula...you have it elsewhere, in some tube rectifiers data, for example. The problem is - only 130V of sec. voltage means max. $130 * 1,4 = 182V$ (probably less in practice) - too low...except by using voltage doubler?! Is it 130-0-130V or just 0-130V secondary? And another thing I didn't quite understand from your description: "It also has a 6v leg on the pri tied to the 6v leg on the sec with a wire to both ends. On the pri. there is a tab E also." Is it some form of "boost/buck" voltage, or...? Any chance that you can post a picture/diagram or a better description?
