Subject: PiAlign says...
Posted by Wayne Parham on Sun, 23 Jun 2002 16:22:37 GMT
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Using your numbers, Fts=26.6, Vas=15.0 and Qts=0.40, PiAlign values are Frd=26.6, Vad=15.0 and Qd=2.5. PiAlign suggests making a 6 cubic foot box tuned to 25Hz. For a bass-reflex cabinet, actual dimensions are 34" x 22" x 15" and with a rectangular port having inside dimensions of 3 15/16" x 6 15/16" x 14" long.The resulting system has a lower -3dB point of 40Hz and response down to this frequency is nice and smooth.