
Subject: Re: General evaluation of midrange drivers
Posted by [Wayne Parham](#) on Sat, 18 Apr 2009 18:38:30 GMT
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If your model accurately describes the horn and driver, then I would trust it. The Hornresp program has been very reliable for me. Q_{ms} is a function of suspension compliance. I wouldn't say there are "better" or "worse" values - more like they're a necessary consequence of the system. Total damping is much more set by the electrical Q_{es} than the mechanical Q_{ms} of the suspension. The thing is, the driver's mass affects the Q_{ms} value, and mass is definitely an important criteria. Q_{ms} values will indirectly show this but don't let that confuse you. I would probably not focus on one Thiele/Small parameter because that is short sided. Instead, look at the whole picture. Hornresp simulations will help you to do this.
