

The effective mass of SME precision pick-up arms is given in Fig. 2. Add to this the overall weight (not the tracking force) of the cartridge to obtain the total effective mass. Note this figure on the base line of Fig. 1. Refer to the cartridge manufacturer's specification for its compliance. If separate vertical and horizontal figures are quoted they should be added together and the sum divided by two. Note this figure on the left-hand side of Fig. 1. The point of intersection of the lines on the grid will indicate the system resonance in Hz.

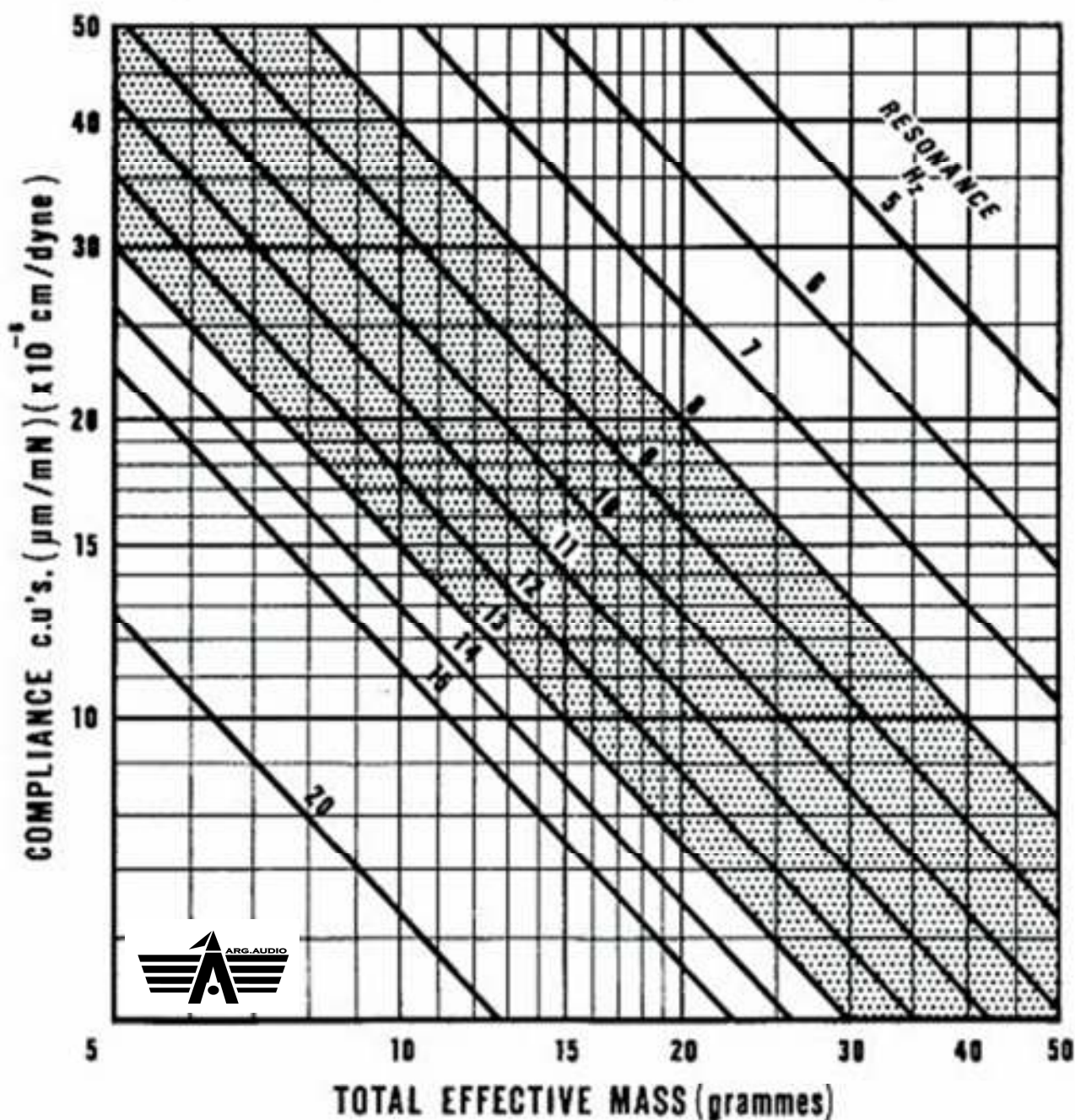


Fig. 1

Pick-up Arm	Balance Weight #	Range of Cart. Weights Balanced (grams)*	Average Effective Mass (grams)
3009 Ser II	Std.	2 - 20	12.5
3012 Ser II	Std.	4 - 18	14.0
3009 Ser II Imp	Std. (1901)	3 - 7	6.5
"	1901/LWR	0 - 3	
"	1902	6 - 11	
"	1902/MWR	9 - 15	
"	1902/HWR	16 - 24	
3009/S2 Imp	Std. (1902)	3 - 8	9.5
"	1901	0 - 4	
"	1902/MWR	6 - 13	
"	1902/HWR	13 - 21	
Series III	Std.	0 - 13	5.0
"	Std. + 3821	5.5 - 20.8	
Series IIIS	Std.	0 - 12.5	5.0
"	3200 + 3821	5.5 - 20.8	
3009-R	Std.	1 - 27	12.7
3010-R	Std.	0 - 25	12.8
3012-R	Std.	0 - 25	14.0



Notes:

- # Alternative balance weights are available for certain arms. Please see current price list.
- * Cartridge weight which can be balanced is actual weight of cartridge plus any ballast weights used.

Fig. 2