

British Electric Meters Ltd synchronous mantel clock

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Figure 1 shows a British Electric Meters Ltd synchronous electric mantel clock. The brass and light blue glass case is $6\frac{3}{4}$ " high \times 10" wide $2\frac{3}{4}$ " deep. The dial is $5\frac{3}{4}$ " diameter. There is a brass chapter ring incorporating both brass Arabic numerals, and a bezel for the glass covering the brass hands and a short red seconds hand. A rear view is shown in Figure 2. Markings on the movement cover include 'BEM', 'BRITISH ELECTRIC METERS L^{TD}.' and 'LONDON AND BANGOR N. WALES'. A rear view of the movement is shown in Figure 3. Markings include 'SANGAMO'. Figure 4 shows a top view of the movement and a side views is shown in Figure 5. The movement has a double worm reduction gear to the hour and minute hands. The worms are secured to their arbors by grub screws. A separate gear train, similar to the gear train of a conventional mechanical clock, drives the seconds hand. Power is supplied via a two pin connector. The movement is not self starting, but the seconds hand acts as a tell tale.



Figure 1

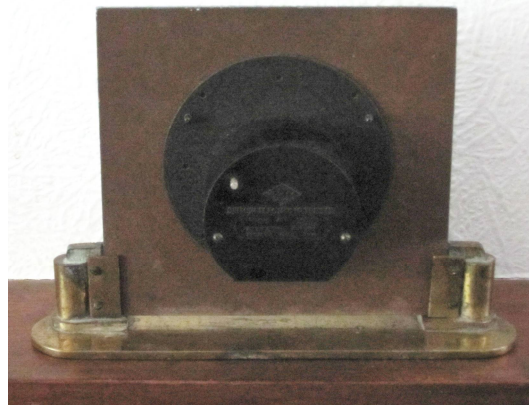


Figure 2

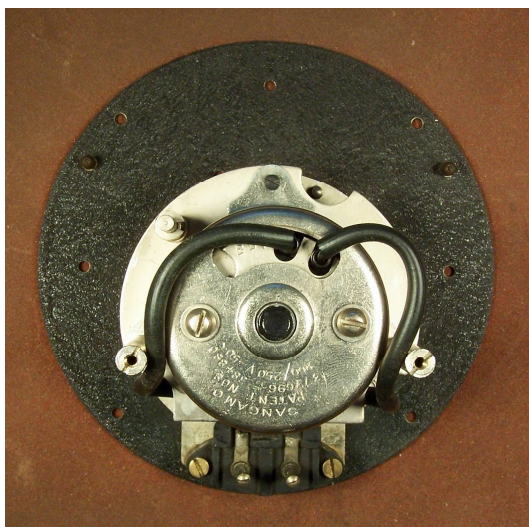


Figure 3

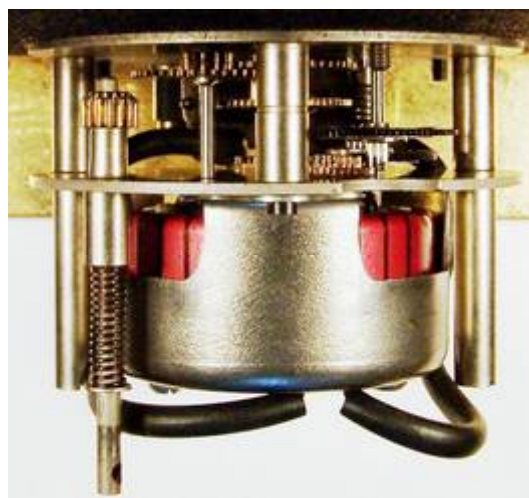


Figure 4

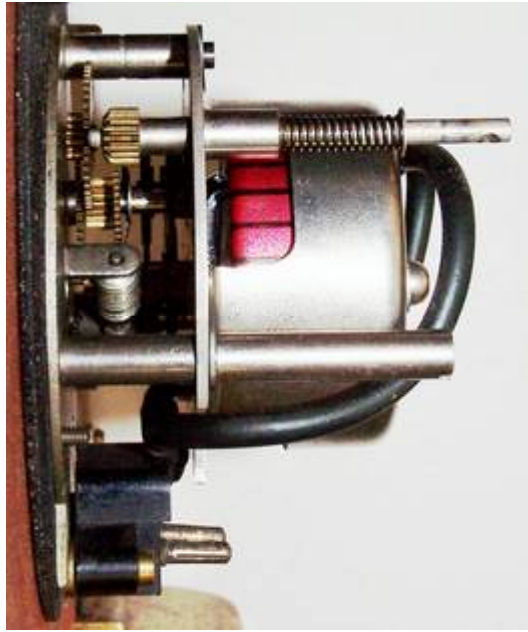


Figure 5