

	Numbers of teeth in the wheels	Numbers of leaves in the pinions
Going train		
Crown wheel	19	6
Contrate wheel	42	8
2nd wheel	60	8
Great wheel	50	3
Hour wheel	36	
Drive wheel	19	
Minute wheel	19	
Beat = 0.29 seconds		
Repeating train (runners)		
Fly	6	
3rd wheel	48	8
2nd wheel	60	8
Great wheel	60	
Duration = ½ day		
Overall dimensions		
11in tall x 8¾in wide x 5¼in deep (280 x 222 x 132mm)		
Case: 6¼in tall x 6in wide x 3½ deep (160 x 152 x 90mm)		

Acknowledgement

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Figure 18. The German silent-pull timepiece alongside a French rack striking lantern clock (see 'French Lantern Clock with Rack Striking', HJ, May 2016, pp222-8).