Harmonic Mean.

The harmonic mean of n items $x_1, x_2, ..., x_n$ is defined as $\text{H.M.} = \dfrac{n}{\dfrac{1}{x_1} + \dfrac{1}{x_2} + ... + \dfrac{1}{x_n}}$.

If the frequency distribution is $f_1, f_2, f_3, ..., f_n$ respectively, then $\text{H.M.} = \dfrac{f_1 + f_2 + f_3 + ... + f_n}{\left(\dfrac{f_1}{x_1} + \dfrac{f_2}{x_2} + ... + \dfrac{f_n}{x_n}\right)}$

Note: A.M. gives more weightage to larger values whereas G.M. and H.M. give more weightage to smaller values.