

Service Life

(Total revolutions) $L_{10} = \left(\frac{C}{P}\right)^P \dots\dots\dots(5-1)$

(Time) $L_{10h} = \frac{10^6}{60n} \left(\frac{C}{P}\right)^P \dots\dots\dots(5-2)$

(Running distance) $L_{10s} = \pi D L_{10} \dots\dots\dots(5-3)$