Radial velocity / Amplitude $\cong$ $v_J \cdot \left(\frac{M_J}{M_\odot}\right) = \left(1.31 \times 10^4 \frac{m}{s}\right)\left(\frac{1898 \times 10^{24}\,kg}{1.99 \times 10^{30}\,kg}\right)$

$= 12.5 \frac{m}{s}$

Duration of one cycle $t \approx 4331^d = 11.86\,yr$