1000 rpm

$\lceil O\lambda \to V = 10$

r=3cm

$V_{B/P} = V_{lateral} + V_{rot}$

$\qquad\qquad\qquad\qquad\qquad\qquad \frac{rad}{s} \qquad m/s$

$= \quad " \quad + 1000\,rpm \times \frac{2\pi}{60} \times \frac{1\,m}{100\,cm} \times 3$

$= 10 + 1000\,rpm \times \frac{2\pi}{60} \times \frac{3}{100}$