

<p><b>2</b></p>	<p>The only correct answer is <b>D</b> because the angular velocity is 1500 revolutions per minute <math>\times 2 \pi / 60 \text{ s}</math></p> <p><b>A</b> is not correct because it is not 1500 revolutions per minute <math>\times 2 \pi / 60 \text{ s}</math></p> <p><b>B</b> is not correct because it is not 1500 revolutions per minute <math>\times 2 \pi / 60 \text{ s}</math></p> <p><b>C</b> is not correct because it is not 1500 revolutions per minute <math>\times 2 \pi / 60 \text{ s}</math></p>	<p><b>1</b></p>
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