18 A parallel beam of monochromatic light of wavelength λ is incident normally on a diffraction grating. The angle between the directions of the two second-order diffracted beams is θ.

What is the spacing of the lines on the grating?

A $\dfrac{\lambda}{\sin\theta}$ **B** $\dfrac{\lambda}{\sin\left(\dfrac{\theta}{2}\right)}$ **C** $\dfrac{2\lambda}{\sin\theta}$ **D** $\dfrac{2\lambda}{\sin\left(\dfrac{\theta}{2}\right)}$