

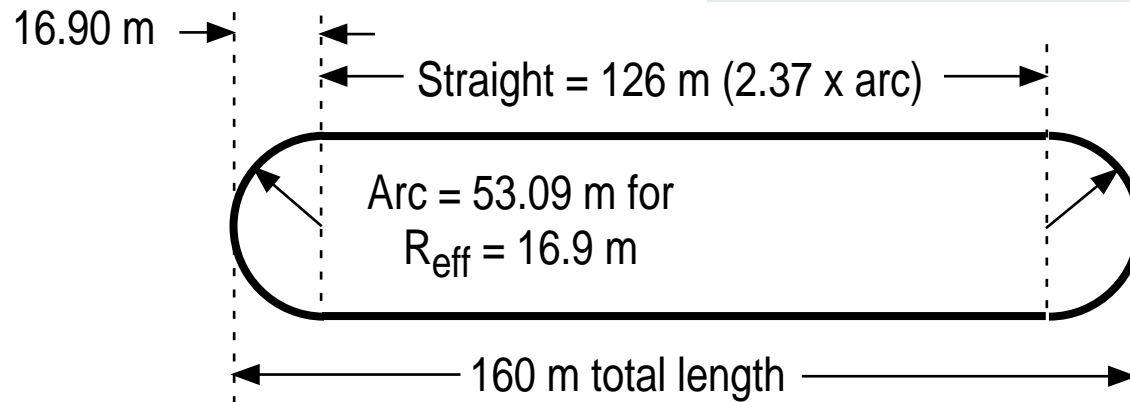
Ring Layout & Arc Magnet Parameters

Arc Magnet Parameters:

$$B_1 = 6.93 \text{ T}, \quad G = 0 \text{ T/m}, \quad L_1 = 1.89 \text{ m}$$

$$B_2 = 0. \text{ T}, \quad G = 35.0 \text{ T/m}, \quad L_2 = 0.76 \text{ m}$$

$$\text{Average } B = 4.94 \text{ T}, \quad L_{\text{cell}} = 5.3 \text{ m}$$



10 Cell Solution
60° Arc Cell Phase

$$\beta_{\text{arc}} = 8.69 \text{ m}$$

Empty Cell
has 27.8 T/m

$$\text{Geometric Decay Ratio} = \frac{126 \text{ m}}{358 \text{ m}} = 0.35 \text{ per straight section}$$