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Which of the following statements about the π molecular orbital description of cyclobutadiene is *not* correct?

- (A) Cyclobutadiene has two degenerate nonbonding π molecular orbitals.
- (B) Cyclobutadiene has a single bonding π molecular orbital
- (C) Cyclobutadiene has two electrons in nonbonding π molecular orbitals.
- (D) Cyclobutadiene has one electron in an antibonding π molecular orbital. (E) None of the above

VIDEO SOLUTION



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