

In-game Properties:

Didymos

Mean diameter: 780 m

Mass: 5.278×10^{11} kg

Density: 2.1 g/cm³

Semimajor axis: 1.6444 au

Eccentricity: 0.38388

Inclination: 3.408°

Longitude of ascending node: 73.2°

Argument of periapsis: 319.3°

Orbital period: 2.11 years

Rotation period: 2.26 hours

Dimorphos

Dimensions: 192 x 164 x 130 m

Mass: 4×10^9 kg

Density: 1.9 g/cm³

Semimajor axis: 1180 m

Eccentricity: 0°

Inclination: 180° (retrograde)

Longitude of ascending node: 0°

Argument of periapsis: 0°

Orbital period: 11.92 hours

Rotation period: 11.92 hours