

CHAPTER OVERVIEW

29: Linear Momentum

The linear momentum (or simply momentum) p of a body of mass m is defined as

$$p = mv \quad (29.1)$$

where v is its velocity. More generally, momentum is a vector, defined by

$$\mathbf{p} = m\mathbf{v} \quad (29.2)$$

Curiously, there is no named SI unit for measuring momentum. Momentum in SI units is measured in units of kgm/s.

[29.1: Conservation of Momentum](#)

[29.2: Newton's Second Law of Motion](#)

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