



A schematic diagram of a shock wave in a duct. A horizontal line at the bottom represents the duct floor. A vertical line intersects this floor, representing the shock wave. To the left of the shock wave, the text $v = ?$ is present. To the right of the shock wave, a horizontal arrow points to the right, indicating the flow direction. The labels 'Duct' and 'Shock wave' are positioned below the horizontal line.

$$v = ?$$

Duct

Shock wave