

## Self-Contained Automatic Valves



amot

CHALWYN

RODADEACO

## How does the D valve function?

D valves react to the increase in air flow as the engine overspeeds, closing the engine's air intake

### Operating Sequence

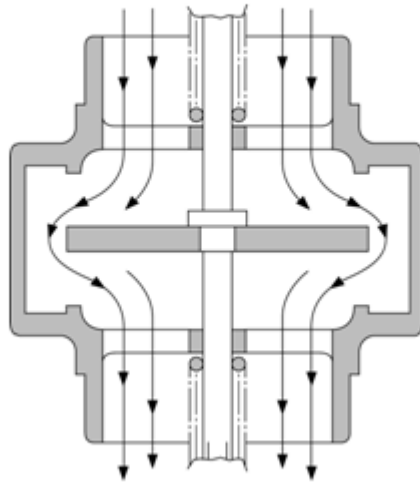
1. Normal air flow
2. Mixture of gas and air causes higher engine speed and air flow
3. Higher than pre-set air flow causes the valve to close and stop the engine
4. Vacuum dissipates and valve opens

amot

CHALWYN

RODADEACO

## 1. Normal air flow

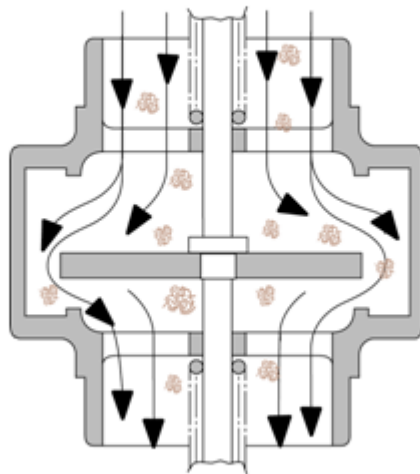


amot

CHALWYN

RODADEACO

## 2. Higher engine speed and air flow

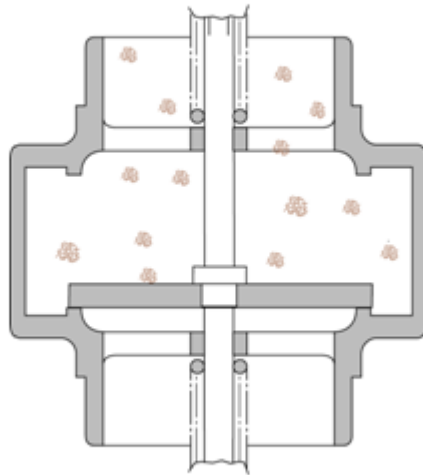


amot

CHALWYN

RODADEACO

### 3. Valve closes

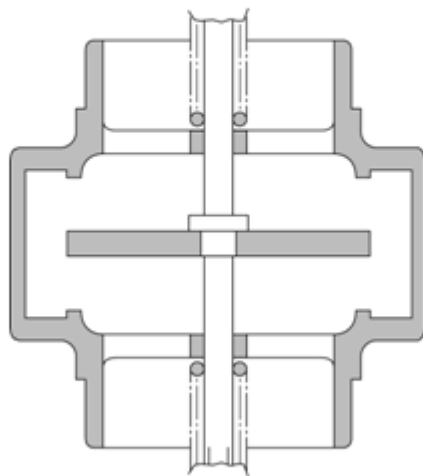


amot

CHALWYN

RODADEACO

### 4. Valve resets



amot

CHALWYN

RODADEACO