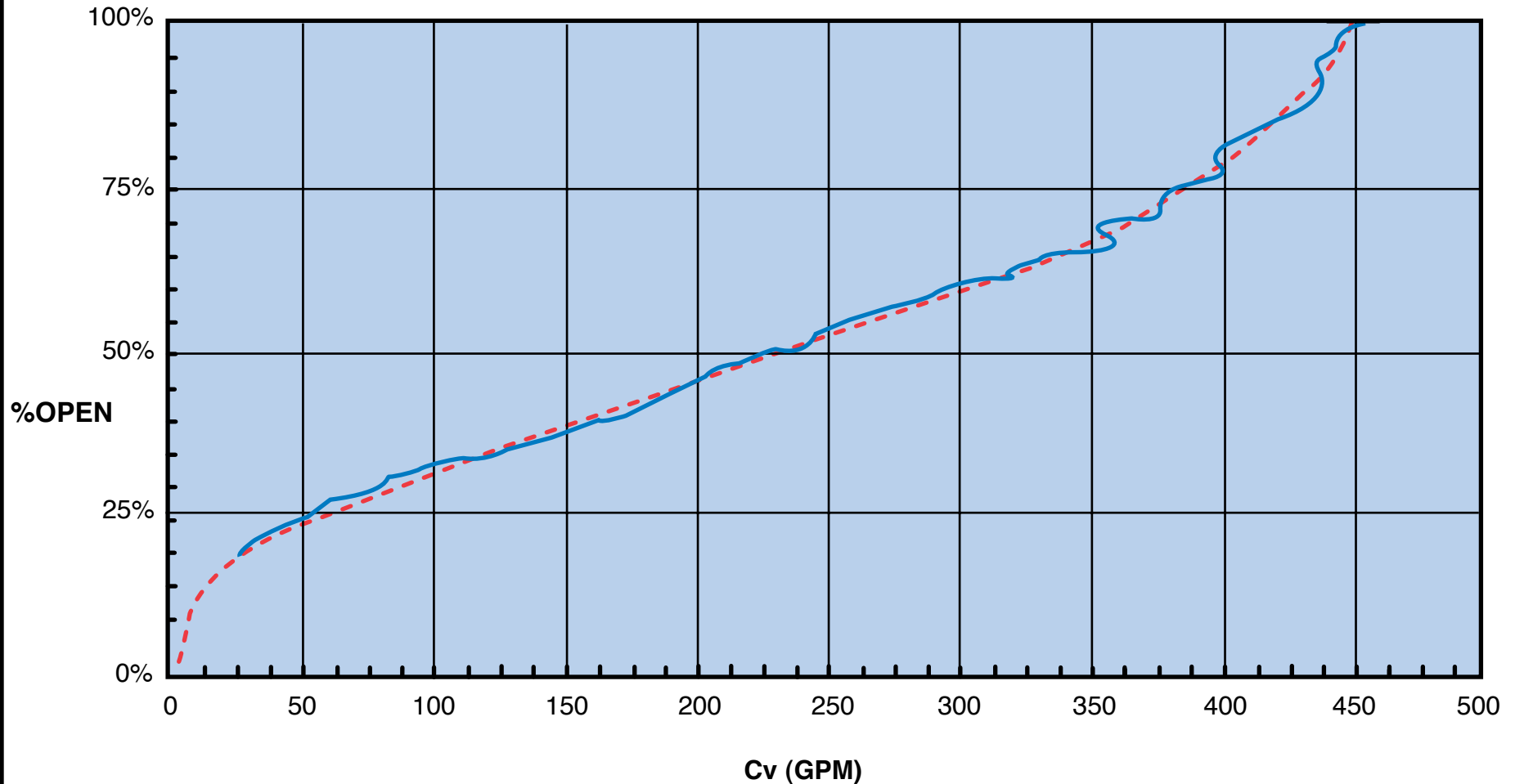


CLA-VAL 133-01 METERING VALVE TEST DATA



This graph represents a compilation of test data used to evaluate the accuracy of the Cla-Val Model 133-01 Electronic Metering Valve. The dotted line shows the flow curve (**Cv vs. %Open**) that is characteristic of the valve. The solid line indicates the actual flow curve from tests. The test data was taken from a calibrated magnetic meter at varying flows, pressure differentials and valve positions and plotted against the valve characteristic curve for comparison.

As indicated, this graph demonstrates that flow can be accurately measured using valve flow characteristic. Tests have shown that accuracy can be maintained between +/- 3% of span. This deviation is the result of machine and assembly tolerance variations within the manufacturing process.