

SVF produces a full line of valves and actuators designed for long term performance in a wide range of applications.

In the design phase we create conditions that are ideal.

All products have undergone cycle testing to identify the cycle life and to pin point specific design areas that may need attention.

The difficulty with predicting life cycle in the field is that there are a variety of conditions that can adversely affect the performance.

These unpredictable conditions include:

Dirty fluid

Temperature fluctuations that affect seat and seal geometry

Frequency of cycling. Very high cycle applications can create inertia and/or heat.

Dirty environments (dust can collect in stem seal areas)

Under our in-house test conditions, we consider the ideal cycle life of our products to be:

Valves: 100,000 cycles before maintenance is required

Actuators: 1 million cycles before maintenance is required

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 CleanFLOW[™]

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