

Rotavator™ End Deactivators

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ACI's innovative Rotavator™ operates by rotating the valve guard so as to displace the sealing elements from their seats. This action allows for gas back-flow (deactivating the end) when actuated.

Conventional plug and finger-type unloaders reduce effective valve flow areas during both loaded and unloaded modes. However, the patented Rotavator™ maintains **full flow area** during both modes of operation. This effectively **increases efficiency** regardless of whether a cylinder end is double-acting or single-acting.



Figure 1



Figure 2



Rotavator™ actuators can be applied to both conventional style poppet valves, Figure 1, and to ACI's high-efficiency radial valves, Figure 2.

Rotavator™ actuators are ideal when added fixed clearance must be kept to a minimum and when valve performance must be maximized.

Reciprocating Compressor Experts

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