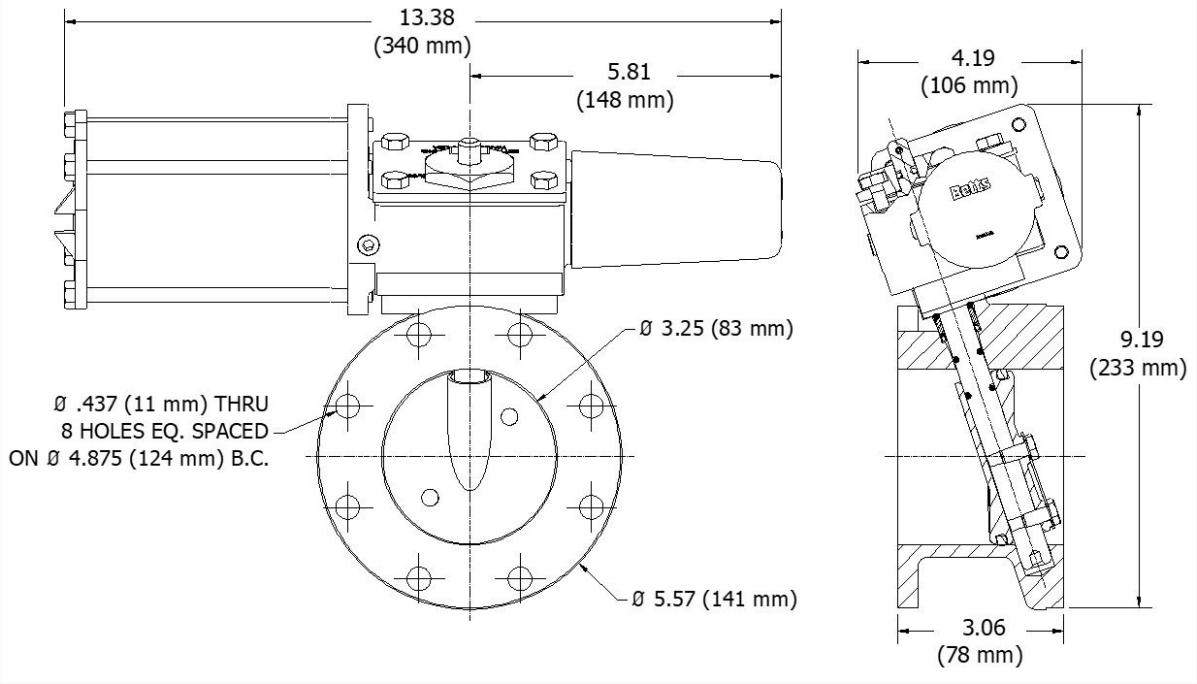
Pneumatically Actuated Ecliptic Valve

The Betts Pneumatically Operated Ecliptic Valve is a quarter turn in-line stop valve that satisfies the requirements of external self-closing stop valve when equipped with a spring closed actuator. The valve does NOT contain a shear section; therefore, the cargo tank must provide suitable accident damage protection when required. The exposed components of the valve are constructed of 316L stainless steel and the seals are PTFE encapsulated silicone for compatibility with a wide variety of products. The actuator is e-coated aluminum with a robust fiberglass cylinder and features a visual indicator that clearly shows the orientation of the valve disc. The actuator is available in styles such as:

- Air-open/Spring-close
- Air-open/Air-close

Bolt pattern matches TTMA piping flange dimensions.

Assembly No.	Description	Shaft Seal	Main Disc Seal	Weight	Maximum Allowable Working Pressure (MAWP)
EC46591SSTS	Air Open / Spring Close	Tef-Sil	Tef-Sil	13 lbs [6.1 kg]	100 psi [6.8 bar]
EC46591SSTSVT	Air Open / Spring Close	FKM-A	Tef-Sil	13 lbs [6.1 kg]	100 psi [6.8 bar]
EC46591SSTSKA	Air Open / Spring Close	FFKM	Tef-Sil	13 lbs [6.1 kg]	100 psi [6.8 bar]
EC46643SSTS	Air Open / Spring Close	Tef-Sil	Tef-Sil	13 lbs [6.1 kg]	100 psi [6.8 bar]



The Ecliptic Valve may be mounted in any position. It is recommended to use Betts flanges and adapters shown in Section 20, Page 5A.

⚠ **WARNING: This product can expose you to chemicals including Chromium (hexavalent compounds) which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov. For additional information on Betts products and Proposition 65 list please see: http://www.bettsind.com/prop-65/**