

Attachment B: Scope of CRN Registration for Swagelok Diaphragm, DL & DS Series Valves (Category C)

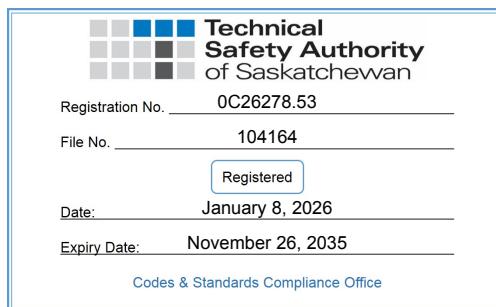
Product Scope

This document represents the scope of Diaphragm, DL / DS Series Valves covered by this submission for CRN approval. These Diaphragm, DL / DS Series Valves have been evaluated in accordance with ASME B31.1 and B31.3 for unlisted components.

Table 1 – Summary Table

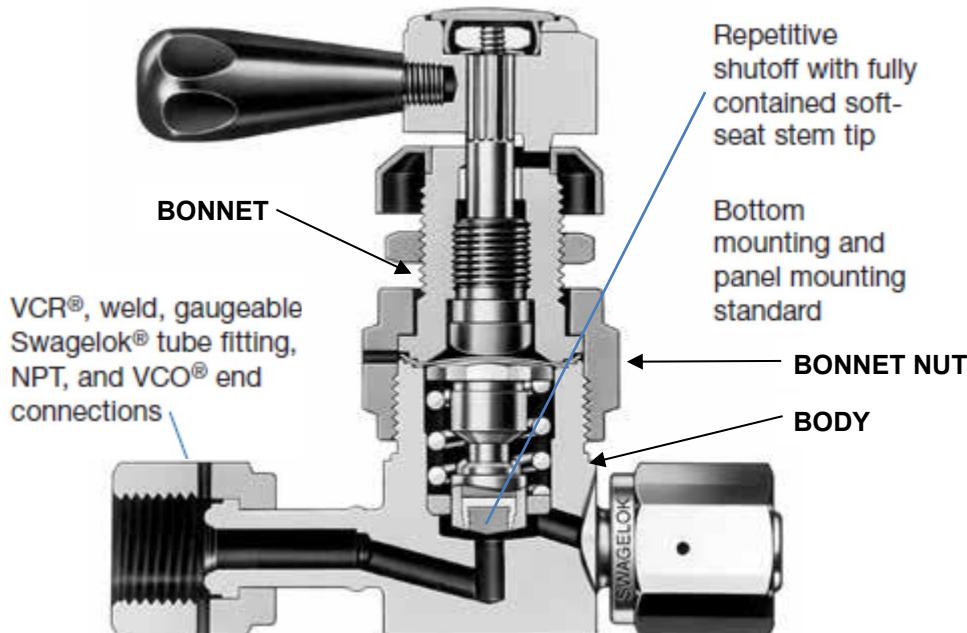
Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Allowable Working Pressure		Design Code of Construction
				@100°F	At Max. Temp.	
DS (*see below)	Body, Bonnet Nut, Bonnet	316LV SS (ASTM A479)	Tube Butt Welds 1/4", 3/8" Tube Socket & Tube Butt Welds 1/4" & 3/8", 3/8" & 1/2" Swagelok Tube Fittings 1/4", 3/8", 6 mm, 8 mm Female VCR 1/4" Female to Male VCR 1/4" Male to Female VCR 1/4" VCO O-Ring Fitting 1/4" Male VCR Fitting 1/4"	3500 psig	2800 psig@250°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
		316/316L SS Dual Certified (ASTM A479)		3500 psig	2800 psig@250°F	
		316/316L SS Dual Certified (ASTM A479)		3500 psig	2800 psig@250°F	
DL (*see below)	Body, Bonnet Nut, Bonnet	316LV SS (ASTM A479)	Tube Butt Welds 1/4", 3/8" Tube Socket & Tube Butt Welds 1/4" & 3/8", 3/8" & 1/2" Swagelok Tube Fittings 1/4", 3/8", 6 mm, 8 mm Female VCR 1/4" Female to Male VCR 1/4" Male to Female VCR 1/4" VCO O-Ring Fitting 1/4" Male VCR Fitting 1/4"	3500 psig	2800 psig@250°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
		316/316L SS Dual Certified (ASTM A479)		3500 psig	2800 psig@250°F	
		316/316L SS Dual Certified (ASTM A479)		3500 psig	2800 psig@250°F	

* Mode of operation: hand operated and hand actuated (all materials).



Product Description

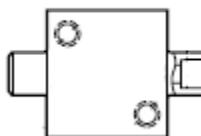
All DS/DL Series Diaphragm Valves have the same features as shown below.



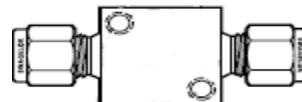
		Technical Safety Authority of Saskatchewan
Registration No. 0C26278.53		
File No. 104164		
<input checked="" type="checkbox"/> Registered		
Date: January 8, 2026		
Expiry Date: November 26, 2035		
Codes & Standards Compliance Office		

Configurations

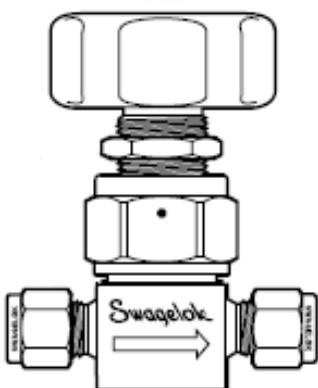
Tube Socket / Tube Butt Welds



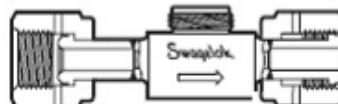
Swagelok Tube Fittings



Tube Butt Welds



VCR & VCO Fittings



Angled Pattern



Product Options:

Additional options and non-pressure boundary alterations that do not affect pressure-temperature ratings may be made available within the scope of this registration. Examples of these would include, but not be limited to, handle options, indicators, actuators, stem tips, etc.

Quality System

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

References

The product catalog does not represent the full scope of the registration but rather details some of the most common options.

- Diaphragm Valves, DS and DL Series Catalog – MS-01-73, Rev. O

