

**APPLICATION**

MGM Model 141 Excess Flow Check Valves are designed for use where threaded connections are required. They are made completely of carbon and stainless steel and are machined from bar stock with one weld in the body.

Model 141 Excess Flow Check Valves have male and female NPT threads on each end to maximize installation options.

Model 141 MGM Excess Flow Check Valves can be mounted in any orientation with negligible effect on flow rate. Each valve will have the proper closing flow direction indicated by an arrow stenciled on the body. As with all MGM excess flow check valves, Model 141 is equipped with an orifice in the check mechanism to allow for pressure equalization and will reopen automatically after repairs are made.

**FEATURES**

- Designed with male and female NPT threaded connections on each end
- Available in 1/2" to 3" NPT threads
- Generous flow channels provide minimal pressure drops
- Heavy duty steel construction will withstand temperatures from -50° F (-45° C) to +300° F (+148° C) and internal pressures up to 3000 psig (207 barg).
- Complete stainless steel construction available for greater range of operating temperatures.

**FLOW RATINGS**

The table on the following page shows the range of flow rates available for common fluids. Each size valve has several different spring options that can be used to vary the closing flow rate. Please contact MGM for assistance in choosing the proper spring for your specific application.

**STANDARD MATERIALS**

The table below lists standard material configuration for carbon steel and 316 stainless steel valves.\*

	Carbon Steel	316 Stainless
<i>Body</i>	<i>Low-temp Carbon</i>	<i>316-SS</i>
<i>Guide</i>	<i>Low-temp Carbon</i>	<i>316-SS</i>
<i>Spring</i>	--- 316- or 302-SS ---	
<i>Poppet (incl. nut and cotter pin)</i>	--- 316-SS ---	

\*Alternative materials available at additional cost

**PRODUCT CERTIFICATIONS**



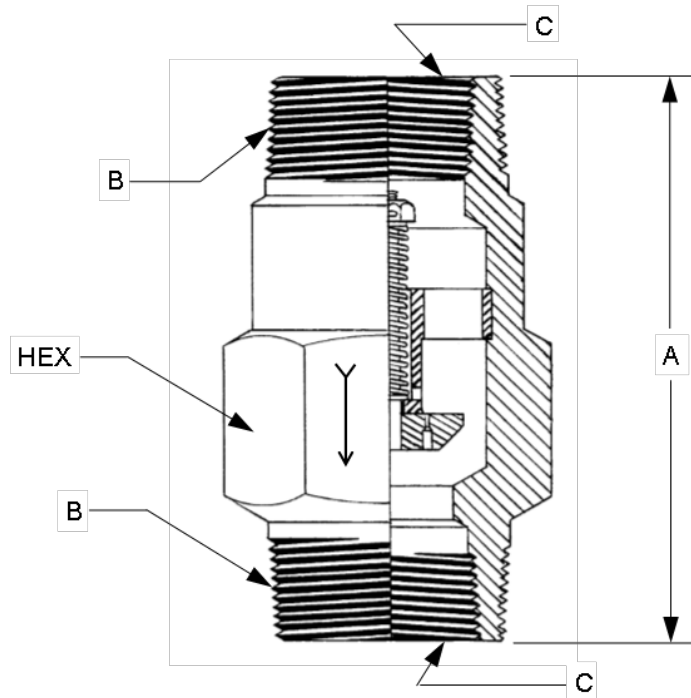
**Underwriters Laboratories, Inc.**  
Listed for propane, butane, and anhydrous ammonia



**Canadian Registration Number**  
OC13500.5C



**CE Mark** Certified to Pressure  
Equipment Directive 2014/68/EU



**ORDERING INFORMATION**

Series Number	Available Closing Flow Ranges - Approximate Flow in GPM Liquid*		Dimensions (inches)			
	Propane	Ammonia	A	B-MNPT	C-FNPT	HEX
141:FFDD	6-30	5-28	4.13	1 - 11 1/2	1/2-14	1.63
141:GGDD	6-30	5-28	4.13	1 1/4-11 1/2	1/2-14	1.88
141:GGEE	7-29	6-27	4.81	1 1/4-11 1/2	3/4-14	1.88
141:HHEE	7-29	6-27	4.81	1 1/2-11 1/2	3/4-14	2.13
141:HHFF	11-53	10-48	5.13	1 1/2-11 1/2	1-11 1/2	2.13
141:IIEE	7-29	6-27	5.31	2-11 1/2	3/4-14	2.75
141:IIFF	11-53	10-48	5.25	2-11 1/2	1-11 1/2	2.75
141:IIGG	24-79	22-71	5.63	2-11 1/2	1 1/4-11 1/2	2.75
141:JJFF	11-53	10-48	6.00	2 1/2-8	1-11 1/2	3.13
141:JJGG	24-79	22-71	6.31	2 1/2-8	1 1/4-11 1/2	3.13
141:JJHH	112	102	6.31	2 1/2-8	1 1/2-11 1/2	3.13
141:KKFF	11-53	10-48	6.50	3-8	1-11 1/2	4.00
141:KKGG	24-79	22-71	6.81	3-8	1 1/4-11 1/2	4.00
141:KKHH	112	102	6.56	3-8	1 1/2-11 1/2	4.00
141:KKII	98-354	89-320	6.56	3-8	2-11 1/2	4.00

\*Contact MGM for flow rates of other fluids