

Model 40



Model 41

APPLICATION

MGM Models 40 and 41 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.

Model 40 Excess Flow Check Valves have male pipe threads on top (inlet) end and female pipe threads on lower end.

Model 41 Excess Flow Check Valves have male pipe threads on top (inlet) and bottom ends and female pipe threads on the bottom end.

Both models can be mounted in any orientation with negligible effect on flow rate. As with all MGM excess flow check valves, these models are 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
- Available in 1/2" to 3" NPT threads
- Stainless steel spring provides consistent closing flow
- 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 1800 psig (124 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
Body	Low-temp Carbon	316-SS
Guide	Low-temp Carbon	316-SS
Spring	--- 316- or 302-SS ---	
Poppet (incl. nut and cotter pin)	--- 316-SS ---	

*Alternative materials available at additional cost

PRODUCT CERTIFICATIONS



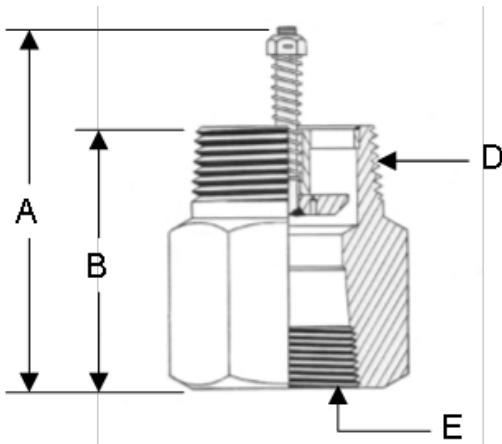
Underwriters Laboratories, Inc.
Listed for propane, butane, and anhydrous ammonia



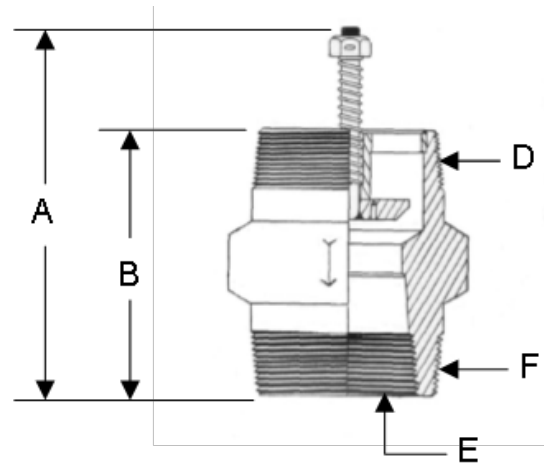
Canadian Registration Number
OC13500.5C



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



NO. 40 ASSEMBLIES



NO. 41 ASSEMBLIES

Series	Closing Flow Range—GPM		Dimensions (Inches)					
	Propane	Ammonia	HEX.	A	B	D (NPT)	E (NPT)	F (NPT)
Model 40 Ordering Information								
40:FD	6-30	5-28	1.38	3.69	2.38	1-11 1/2	1/2-14	
40:GD	6-30	5-28	1.75	3.81	2.50	1 1/4-11 1/2	1/2-14	
40:GE	7-29	6-27	1.75	3.88	2.68	1 1/4-11 1/2	3/4-14	
40:HE	7-29	6-27	2.0	3.88	2.68	1 1/2-11 1/2	3/4-14	
40:HF	11-53	10-48	2.0	4.25	2.88	1 1/2-11 1/2	1-11 1/2	
40:IF	11-53	10-48	2.50	4.31	2.94	2-11 1/2	1-11 1/2	
40:IG	24-79	22-71	2.50	4.44	3.25	2-11 1/2	1 1/4-11 1/2	
40:JF	11-53	10-48	3	4.38	3.0	2 1/2-8	1-11 1/2	
40:KI	98-354	89-320	3.50	5.0	3.75	3-8	2-11 1/2	
Model 41 Ordering Information								
41:FFD	6-30	5-28	1.38	3.94	2.63	1-11 1/2	1/2-14	1-11 1/2
41:GGE	7-29	6-27	1.75	4.0	2.81	1 1/4-11 1/2	3/4-14	1 1/4-11 1/2
41:HHE	7-29	6-27	2.0	4.19	3.0	1 1/2-11 1/2	3/4-14	1 1/2-11 1/2
41:HHF	11-53	10-48	2.0	4.38	3.0	1 1/2-11 1/2	1-11 1/2	1 1/2-11 1/2
41:IIF	11-53	10-48	2.50	4.63	3.25	2-11 1/2	1-11 1/2	2-11 1/2
41:IIG	24-79	22-71	2.50	4.44	3.25	2-11 1/2	1 1/4-11 1/2	2-11 1/2
41:JJF	11-53	10-48	3.0	5.25	3.88	2 1/2-8	1-11 1/2	2 1/2-8
41:JJG	24-79	22-71	3.0	5.06	3.88	2 1/2-8	1 1/4-11 1/2	2 1/2-8
41:JJH	112	102	3.0	5.09	3.88	2 1/2-8	1 1/2-11 1/2	2 1/2-8
41:KKG	24-79	22-71	3.50	5.56	4.38	3-8	1 1/4-11 1/2	3-8
41:KKH	112	102	3.50	5.59	4.38	3-8	1 1/2-11 1/2	3-8
41:KKI	98-354	89-320	3.50	5.63	4.38	3-8	2-11 1/2	3-8

*Contact MGM for flow rates of other fluids