# SCC Inc.

## **Specifications**

Document No. CVLV-2010

November 5, 2015

# VKG...U Series ½" to 4" Butterfly Valves

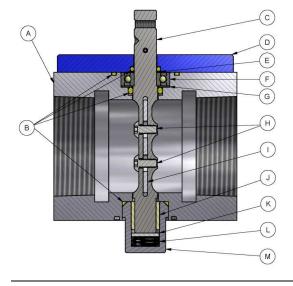
### **Product Description**

VKG...U series NPT threaded butterfly valves control the flow of natural gas, propane, butane, or air. Full, medium, and reduced port sizes are offered to optimize control and ease of installation. Valves are positioned using a manual kit, crank arm kit, or rotary actuator.

## **Technical Specifications**

<b>Body Sizes</b>	1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"		
<b>Body Material</b>	Aluminum 6061-T6 billet		
Connection	Threaded NPT		
Port	1/2" and 3/4"	Full port	
	1" and 1-1/4"	Full or medium port	
	1-1/2" through 4"	Full , medium, or reduced port	
Operating Pressure Rating	1/2" through 3"	25 PSI operating pressure	
	4" medium or reduced port 25 PSI operating pressure		
	4" full port	15 PSI operating pressure	
Surge Pressure Rating	1/2" through 4"	75 PSI surge pressure	
Turndown	100+:1		
Temperature Range	-40° to 160° F		

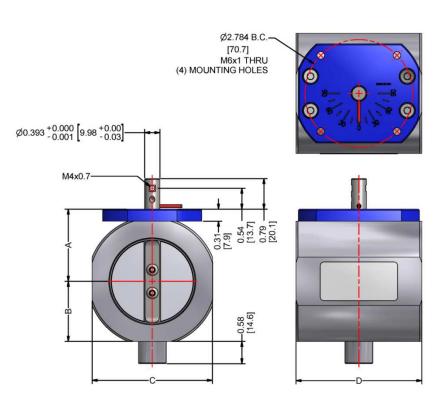
#### **Materials**



Item	Description	Material	
Α	Valve body	Aluminum-6061	
В	Seal	Buna-N	
С	Shaft	Stainless Steel (300-series)	
D	Dial	Aluminum-6061	
E	Shim	Teflon	
F	Bearing (ball)	Steel	
G	Shim	Stainless Steel	
Н	Fastener	Steel (Zinc-plated)	
1	Disk	Stainless Steel (300-series)	
J	Bearing (sleeve)	Acetal	
K	Bearing (thrust)	Acetal	
L	Spring	Stainless Steel (17-4 PH)	
M	Plug	Aluminum-6061	

#### **Dimensions**

Dimensions in inches; millimeters in brackets



Doub Novembre	Weight -		
Part Number	lb [kg]		
VKG10.015U	1.50 [0.68]		
VKG10.020U	1.41 [0.64]		
VKG10.025U	1.29 [0.59]		
VKG10.032U	1.51 [0.68]		
VKG10.040U	1.59 [0.72]		
VKG10.050U	1.84 [0.83]		
VKG10.065U	3.09 [1.40]		
VKG10.080U	3.35 [1.52]		
VKG10.100U	4.83 [2.19]		
VKG20.025U	1.33 [0.60]		
VKG20.032U	1.58 [0.72]		
VKG20.040U	1.63 [0.74]		
VKG20.050U	1.97 [0.89]		
VKG20.065U	3.34 [1.51]		
VKG20.080U	3.68 [1.67]		
VKG20.100U	5.63 [2.55]		
VKG30.040U	1.70 [0.77]		
VKG30.050U	2.01 [0.91]		
VKG30.065U	3.53 [1.60]		
VKG30.080U	3.92 [1.78]		
VKG30.100U	6.02 [2.73]		

Part Number	Α	В	С	D
VKGxx.015U	1.35 [34]	1.04 [26]	2.08 [53]	3.25 [83]
VKGxx.020U	1.35 [34]	1.04 [26]	2.08 [53]	3.25 [83]
VKGxx.025U	1.35 [34]	1.04 [26]	2.08 [53]	3.25 [83]
VKGxx.032U	1.53 [39]	1.22 [31]	2.44 [62]	3.25 [83]
VKGxx.040U	1.63 [41]	1.31 [33]	2.63 [67]	3.25 [83]
VKGxx.050U	1.87 [47]	1.55 [39]	3.11 [79]	3.25 [83]
VKGxx.065U	2.18 [55]	1.87 [47]	3.74 [95]	4.38 [111]
VKGxx.080U	2.44 [62]	2.13 [54]	4.26 [108]	4.38 [111]
VKGxx.100U	2.96 [75]	2.64 [67]	5.28 [134]	5.00 [127]

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