

SERIES 6700

CTS Copper Butterfly Valve

The lever handle bronze body butterfly valve is designed for use with grooved copper tubing (CTS), fittings and couplings. This valve features a 10 position lever handle, bronze body and EPDM rubber encapsulated disc. Both bronze valve body and the EPDM rubber disc obtained certification to ANSI/NSF 61 for use in potable water systems and is rated to 300 PSI.

MATERIAL SPECIFICATIONS

VALVE BODY:

ASTM B584 C89836; Bronze, Low Lead

DISC:

ASTM A536 Gr. 65-45-12; Ductile Iron

DISC ENCAPSULATION:

Grade "EP" EPDM Rubber: Service temperature range: -40°F to +250°F (-40°C to +121°C). Recommended for water service, diluted acids, alkaline solutions, and oil-free air.

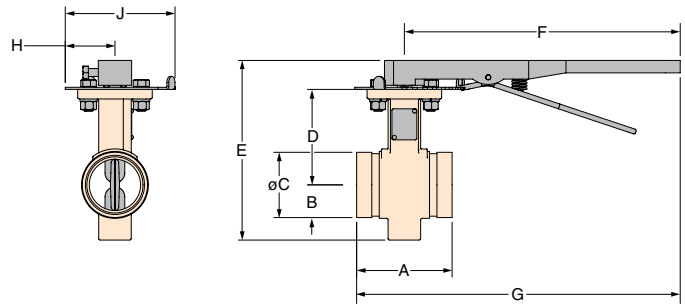
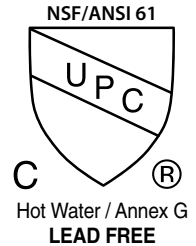
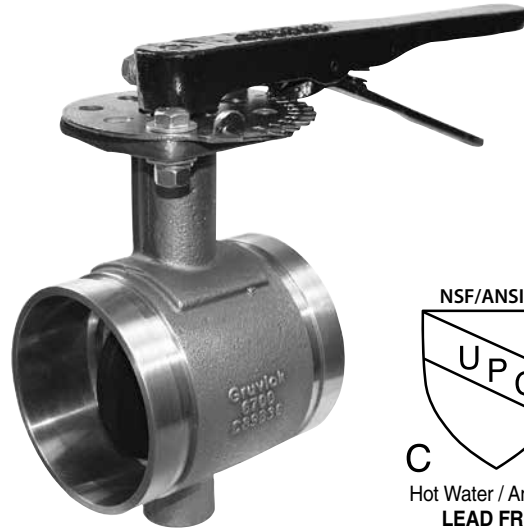
NOT RECOMMENDED FOR USE IN PETROLEUM APPLICATIONS.

UPPER & LOWER SHAFTS:

Stainless Steel Type 17-4PH; ASTM A564

CERTIFICATIONS:

ANSI/NSF61 for use in Cold +86F(+30C) and Hot +180F(+82C) potable water systems. Annex G. UPC.



SERIES 6700 CTS COPPER BUTTERFLY VALVE DIMENSIONS

Nominal Size	Copper Tube Diameter	Dimensions									Weight
		A	B	C	D	E	F	G	H	J	
In.	In./mm	In./mm	In./mm	In./mm	In./mm	In./mm	In./mm	In./mm	In./mm	In./mm	Lbs./kg
2½	2.625 66.7	3.77 95.8	2.22 56.4	2.63 66.7	3.83 97.3	7.20 182.5	10.50 266.7	12.39 314.6	2.00 50.8	4.43 112.5	4 1.8
3	3.125 79.4	3.77 95.8	2.60 65.9	3.13 79.4	4.08 130.5	7.84 198.2	10.50 266.7	12.39 314.6	2.00 50.8	4.43 112.5	5 2.3
4	4.125 104.8	4.63 117.6	3.10 78.7	4.13 104.9	4.72 119.9	8.97 227.8	10.50 266.7	12.81 325.5	2.00 50.8	4.43 112.5	8 3.8
5	5.125 130.2	5.88 149.4	3.85 97.8	5.13 130.2	5.22 132.6	10.27 260.9	10.50 266.7	13.44 341.4	2.00 50.8	4.43 112.5	14 6.4
6	6.125 155.6	5.88 149.4	4.36 110.8	6.13 155.6	5.75 146.2	11.31 287.3	10.50 266.7	13.44 341.4	2.00 50.8	4.43 112.5	18 8.1

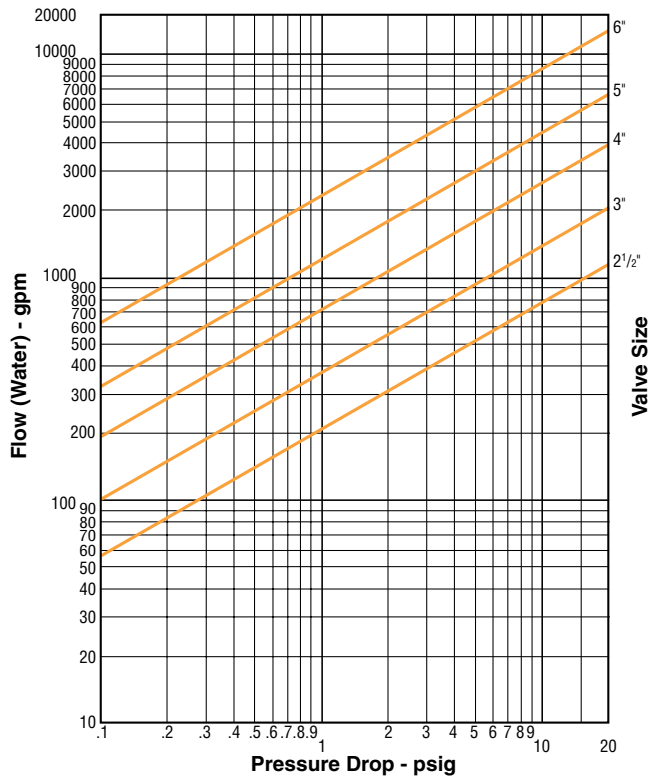
PROJECT INFORMATION

APPROVAL STAMP

Project:	☐ Approved
Address:	☐ Approved as noted
Contractor:	☐ Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

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Values for flow of water at +60°F (+16°C)

$$C_v = \frac{Q}{\sqrt{\Delta P}}$$

Where: C_v = Flow coefficient

Q = Flow (GPM)

ΔP = Pressure drop (psi)

GRUVLOK CTS COPPER BUTTERFLY VALVE SERIES 6700 (ORDERING INFORMATION)

Sample Part Number 4" AN6721-3 —>	4"	A	N	67	2	1 -	3
	Size	Body Style	Body Type	Series	Disc Coating	Operator	Shaft
	2 1/2" - 6"	A	Bronze	6700	2 - EPDM (Grade EP)	1 - 10 Pos. Handlever	3 - Stainless Steel Type 17-4PH