

Building connections that last™



Series 8501 & Series 8502

Brass Gate Valves, Threaded
& Sweat Datasheet



Series 8501
Threaded Ends



Series 8502
Sweat Ends



Brass Gate Valve, Threaded Series 8501



Design Features

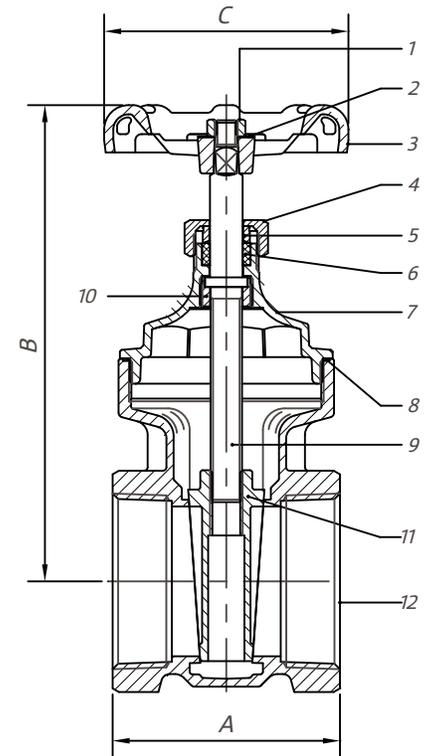
- 200 PSI CWP, 125 lb. WSP
- Full port (1/4" to 3")
- Cast brass
- Screwed in bonnet
- Non-rising brass stem (NRS)
- Approved to NSF/ANSI/CAN 61 Water Quality
- See Series 8501L – Lead Free

Warning: Series 8501 is for non-potable applications and is NOT for applications that convey or dispense water for human consumption (drinking or cooking).

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

Parts & Materials

No.	Part	Material
1	Wheel Nut	Hot Rolled SAE 1010R
2	Name Plate	Aluminium
3	Hand-Wheel	Cast Iron
4	Packing Nut	Brass B16 C36000
5	Gland Ring	Brass B16 C36000
6	Gland Packing	PTFE
7	Bonnet	B584 C85700, Leaded Yellow Brass (Copper-Zinc Alloy)
8	Packing	Fibre
9	Stem	Brass B16 C36000 (1/4" to 2") Brass B584 C85700 (2-1/2" to 4")
10	Lock Nut	Brass B16 C36000
11	Disc	B584 C85700, Leaded Yellow Brass (Copper-Zinc Alloy)
12	Body	B584 C85700, Leaded Yellow Brass (Copper-Zinc Alloy)



Dimensions

Size	ASC 10-Digit	Legacy Number	Weight	Dimensions		
				A	B	C
In			Lb	In	In	In
1/4	4363000000	01718501C	0.5	1.71	2.91	2.09
3/8	4363000010	01718501E	0.5	1.71	2.91	2.09
1/2	4363000020	01718501G	0.6	1.71	2.91	2.09
3/4	4363000030	01718501I	0.8	1.81	3.31	2.13
1	4363000040	01718501K	1.1	2.13	3.90	2.48
1-1/4	4363000050	01718501L	1.8	2.25	4.61	2.72
1-1/2	4363000060	01718501M	2.2	2.44	5.08	3.15
2	4363000070	01718501N	3.3	2.70	5.99	3.53
2-1/2	4363000080	01718501P	6.4	3.70	7.88	3.95
3	4363000090	01718501Q	9.7	4.02	8.83	4.37
4	4363000100	01718501T	17.0	4.53	9.89	5.00

Note: Responsibility for proper selection, use and maintenance of any product remains solely with the purchaser and end user.

We reserve the right to modify or improve the designs or specifications of any product at any time without notice.

Brass Gate Valve, Sweat Series 8502



Design Features

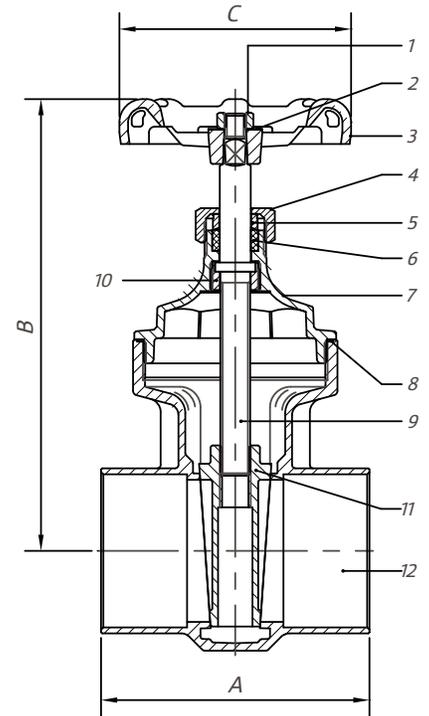
- 200 PSI CWP, 125 lb. WSP
- Cast brass
- Non-rising brass stem (NRS)
- Approved to NSF/ANSI/CAN 61 Water Quality
- See Series 8502L - Lead Free

Warning: Series 8502 is for non-potable applications and is NOT for applications that convey or dispense water for human consumption (drinking or cooking).

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Parts & Materials

No.	Part	Material
1	Wheel Nut	Hot Rolled SAE 1010R
2	Name Plate	Aluminium
3	Hand-Wheel	Cast Iron
4	Packing Nut	Brass B16 C36000
5	Gland Ring	Brass B16 C36000
6	Stem Packing	PTFE
7	Bonnet	B584 C85700, Leaded Yellow Brass (Copper-Zinc Alloy)
8	Packing	Fibre
9	Stem	Brass B16 C36000 (1/4" to 2") Brass B584 C85700 (2-1/2" to 4")
10	Lock Nut	Brass B16 C36000
11	Disc	B584 C85700, Leaded Yellow Brass (Copper-Zinc Alloy)
12	Body	B584 C85700, Leaded Yellow Brass (Copper-Zinc Alloy)



Dimensions

Size	ASC 10-Digit	Legacy Number	Weight	A (end to end)	B	C Hand-Wheel
In			Lb	In	In	In
3/8	4363000110	01718502E	0.5	1.69	2.91	2.09
1/2	4363000120	01718502G	0.6	1.69	2.91	2.09
3/4	4363000130	01718502I	0.8	2.32	3.31	2.13
1	4363000140	01718502K	1.1	2.72	3.90	2.48
1-1/4	4363000150	01718502L	1.8	2.94	4.61	2.72
1-1/2	14363000160	01718502M	2.2	3.33	5.08	3.15
2	4363000170	01718502N	3.3	3.98	5.99	3.53
2-1/2	4363000180	01718502P	6.4	4.61	7.88	3.98
3	4363000190	01718502Q	9.7	5.32	8.83	4.37

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About ASC Engineered Solutions

ASC Engineered Solutions is defined by quality—in its products, services and support. With nearly 2,000 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Grevlok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF®, SprinkFLEX®, Trenton Pipe and VEP. With headquarters in Oak Brook, IL, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.



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Building connections that last™

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