

## 2.2 - C - BRONZE BALANCING VALVES



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

### DESCRIPTION

Apollo Model 58A Balance Valves are precision engineered and manufactured valves which provide two position hydronic circuit isolation capability and multi-turn throttling adjustment as required for proportional balancing of hydronic systems. The unique integrated digital readout in the handle allows qualified technicians to easily adjust the valve to achieve a highly accurate flow. Valve pressure drop can be read through the valves integrated 1/4" measurement ports, and flow calculated from the flow coefficient associated with the numerical setting. The integrated fixed orifice offers greater accuracy than that of a variable orifice.

### FEATURES

- P/T Plugs
- Compatible with All Flow Meters
- Easy Adjustment and Setpoint Indicator
- Isolated Flow Shut-off
- Non-Rising Stem
- Y Pattern Body
- Positive Shut Off

### PERFORMANCE RATING

- CWP: 300 PSI (200 CWP for Push Fittings)
- Temperature Range: -60°F to 300°F (-10°C to 150°C)

### APPROVALS

- WRAS

### OPTIONS

- NPT Connection
- Solder Connection
- Press Connection†
- Push Connection
- PEX A Connection
- PEX B/C Connection

*†APOLLOPRESS® connectors are designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition. Press connectors are not suitable for steam or flammable gas service.*

### STANDARD MATERIALS LIST

1	Handle	Glass Filled PA66 (Red)
2	Bonnet	HPb59-3 Brass
3	Seals	EPDM
4	Body	CC752S Brass (BS EN 1982) - DZR
5	Stem	HPb59-3 Brass
6	Test Points	Brass Body & EPDM Plug
7	Seat	Teflon
8	Nose	CW602N Brass (BS EN 12164) - DZR
9	Orifice Plate	HPb59-3 Brass

### DIMENSIONS

PART NUMBER	SIZE	CONNECTION	DIMENSIONS (IN)				WEIGHT (LB)	C <sub>vs</sub>
			A	B	D	AF		
58A203T	1/2"	FNPT	3.11	4.22	3.54	1.08	1.17	2.2
58A204T	3/4"		3.39	4.15		1.26	1.3	5.7
58A205T	1"		4.17	4.45		1.57	1.98	9.8
58A206T	1-1/4"		4.88	4.72		1.97	2.84	16.1
58A207T	1-1/2"		5.12	4.85		2.17	3.7	24.7
58A208T	2"		6.26	5.43		2.76	6.53	48.0
58A203S	1/2"	SOLDER	4.35	4.22	3.54	1.08	1.3	2.2
58A204S	3/4"		5.03	4.15		1.26	1.54	5.7
58A205S	1"		6.85	4.45		1.57	2.32	9.8
58A206S	1-1/4"		7.47	4.72		1.97	3.47	16.1
58A207S	1-1/2"		8.31	4.85		2.17	4.62	24.7
58A208S	2"		10	5.43		2.76	7.88	48.0
58A203X2	1/2"	PEX A	5.06	4.22	3.54	1.08	1.3	2.2
58A204X2	3/4"		5.76	4.15		1.26	1.54	5.7
58A205X2	1"		7.01	4.45		1.57	2.32	9.8
58A203X	1/2"	PEX B/C	5.11	4.22	3.54	1.08	1.3	2.2
58A204X	3/4"		5.81	4.15		1.26	1.54	5.7
58A205X	1"		7.06	4.45		1.57	2.32	9.8
58A203P	1/2"	PUSH	5.3	4.22	3.54	1.08	1.39	2.2
58A204P	3/4"		5.75	4.15		1.26	1.6	5.7
58A205P	1"		6.89	4.45		1.57	2.48	9.8
58A203PR	1/2"	PRESS	4.98	4.22	3.54	1.08	1.35	2.2
58A204PR	3/4"		5.56	4.15		1.26	1.62	5.7
58A205PR	1"		6.43	4.45		1.57	2.36	9.8
58A206PR	1-1/4"		7.42	4.72		1.97	3.42	16.1
58A207PR	1-1/2"		8.38	4.85		2.17	4.6	24.7
58A208PR	2"		9.88	5.43		2.76	7.75	48.0

