

1805-LF Lead-Free NSF/ANSI 61 & 372* DZR Brass Fixed Orifice Circuit Balancing Valve - 1/2" to 2"

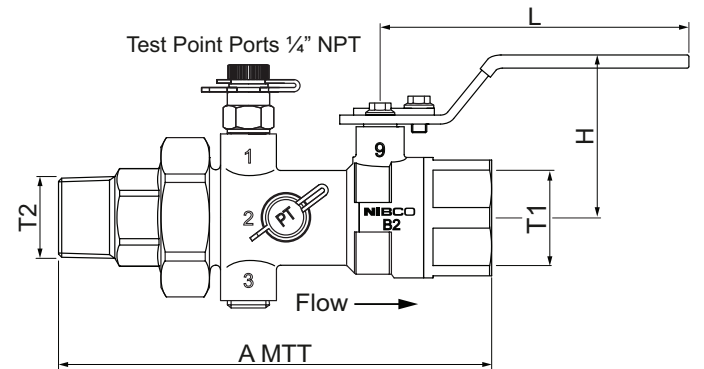
**Model: MTT-1805-LF20, MTT-1805R-LF20, MTT-1805-LF66 & MTT-1805R-LF66
ST-1805-LF20, ST-1805R-LF20, ST-1805-LF66 & ST-1805R-LF66
PCT-1805-LF20, PCT-1805R-LF20, PCT-1805-LF66 & PCT-1805R-LF66**

MATERIAL LIST	
PART	SPECIFICATION
Body	Brass - UNS C46500 (DZR)
End Connector	Brass - UNS C46500 (DZR)
Ball valve seats	PTFE
Ball	Stainless Steel - UNS S30400
Stem - 1/2" to 1" - LF20	Brass - UNS C46500 (DZR)
Stem - 1/2" to 1" - LF66	Stainless Steel - UNS S30400
Stem - 1 1/4" to 2" - LF66	Stainless Steel - UNS S30400
O-rings	EPDM
Lever	Steel - Zinc Plated
Washer head screws	Stainless Steel - UNS S30400
Memory stop	Steel - Zinc Plated
Union nut	Brass - CW617N
Plug	Brass - UNS S46500 (DZR)
Venturi	Brass - UNS S46500 (DZR)
Test Point (2)	Brass - CZ132A (DZR)
Press End	Copper - ASTM B75 C12200
Press End O-ring	EPDM

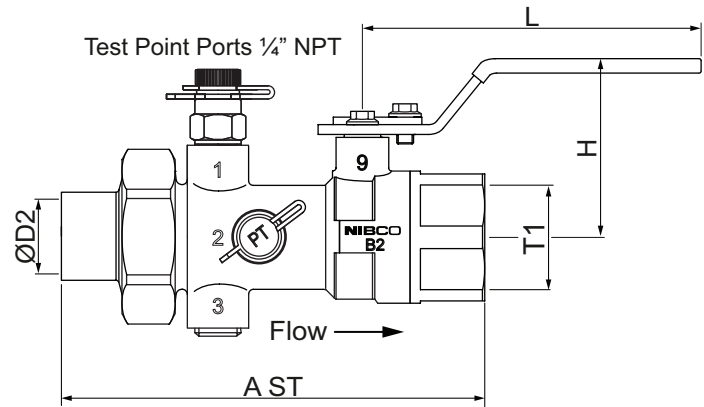
RECOMMENDED FLOW RANGE			
		Flow Range - gpm	
Size - In.	Venturi No.	Min	Max
1/2" & 3/4"	V-1	0.24	2.0
1/2" & 3/4"	V-2	0.8	6.0
3/4" & 1"	V-3	1.0	8.0
3/4" & 1"	V-4	2.3	18.0
1"	V-5	2.2	18.0
1 1/4"	V-6	4.3	35.0
1 1/2"	V-7	4.8	50.0
2"	V-8	6.0	80.0



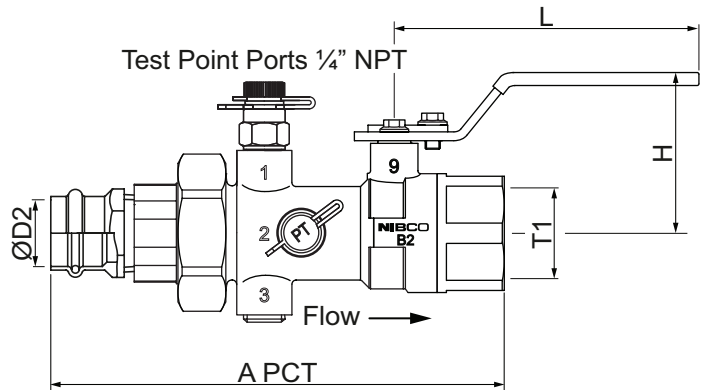
*Weighted average lead content ≤0.25%



MALE THREAD x THREAD



SOLDER x THREAD



PRESS END x THREAD

1805-LF Lead-Free NSF/ANSI 61 & 372* DZR Brass Fixed Orifice Circuit Balancing Valve - 1/2" to 2"

**Model: MTT-1805-LF20, MTT-1805R-LF20, MTT-1805-LF66 & MTT-1805R-LF66
ST-1805-LF20, ST-1805R-LF20, ST-1805-LF66 & ST-1805R-LF66
PCT-1805-LF20, PCT-1805R-LF20, PCT-1805-LF66 & PCT-1805R-LF66**

DIMENSIONS - In.											
						Male Thread		Solder		Press End	
Body	T1 - Thread	T2 - Thread	D2	H	L	A MT	Weight Lbs	A ST	Weight Lbs	A PCT	Weight Lbs.
B1	1/2" - 14 NPT	1/2" - 14 NPT	0.63	2.01	3.98	4.96	1.38	4.28	1.31	5.37	1.42
B1	3/4" - 14 NPT	3/4" - 14 NPT	0.88	2.01	3.98	5.15	1.86	4.59	1.77	6.56	1.88
B1	3/4" - 14 NPT	1/2" - 14 NPT	0.63	2.10	3.98	5.10	1.82	4.40	1.85	5.77	2.05
B2	3/4" - 14 NPT	1/2" - 14 NPT	0.63	2.01	3.98	5.36	1.82	4.74	1.85	5.51	2.05
B2	1" - 11.5 NPT	1/2" - 14 NPT	0.63	2.07	3.98	5.51	2.22	4.88	2.25	5.92	2.52
B2	1" - 11.5 NPT	3/4" - 14 NPT	0.88	2.07	3.98	5.51	2.26	4.98	2.17	6.28	2.44
B3	1" - 11.5 NPT	1" - 11.5 NPT	1.13	2.24	5.34	6.05	2.33	5.30	2.33	7.43	2.60
B3	1" - 11.5 NPT	1/2" - 14 NPT	0.63	2.24	5.34	5.80	2.22	5.18	2.25	6.21	2.52
B3	1" - 11.5 NPT	3/4" - 14 NPT	0.88	2.24	5.34	5.86	2.26	5.28	2.17	6.57	2.44
B4	1 1/4" - 11.5 NPT	1 1/4" - 11.5 NPT	1.38	2.43	5.34	7.35	4.60	6.98	4.43	8.39	4.90
B4	1 1/4" - 11.5 NPT	3/4" - 14 NPT	0.88	2.43	5.34	7.35	4.46	6.81	4.57	7.78	5.04
B4	1 1/4" - 11.5 NPT	1" - 11.5 NPT	1.13	2.43	5.34	7.35	4.44	6.94	4.55	7.96	5.02
B5	1 1/2" - 11.5 NPT	1 1/2" - 11.5 NPT	1.63	2.87	5.94	7.88	6.12	7.25	7.10	10.57	7.80
B5	1 1/2" - 11.5 NPT	1" - 11.5 NPT	1.13	2.87	5.94	7.88	5.94	7.49	6.05	8.48	6.75
B5	1 1/2" - 11.5 NPT	1 1/4" - 11.5 NPT	1.38	2.87	5.94	7.88	6.10	7.51	5.93	8.92	6.63
B6	2" - 11.5 NPT	2" - 11.5 NPT	2.13	3.11	5.94	9.00	9.30	8.53	10.7	11.81	11.63
B6	2" - 11.5 NPT	1 1/4" - 11.5 NPT	1.38	3.11	5.94	9.00	9.60	8.51	9.12	10.85	10.05
B6	2" - 11.5 NPT	1 1/2" - 11.5 NPT	1.63	3.11	5.94	9.00	9.30	8.61	9.10	11.31	10.03

Threaded & Solder

Maximum Working Pressure 600 PSI @ 100°F

Maximum Temperature 250°F @ 150 PSI

Press End

Maximum Working Pressure 200 PSI @ 230°F

Maximum Temperature 250°F @ 150 PSI

Flow Measurement Accuracy

Reference Figure 1805 Series Flow Rate Brochure for specific information regarding flow and accuracy characteristics.

Project: _____

Contractor: _____

PO/Job No.: _____

Engineer: _____

Representative: _____

Date: _____