

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

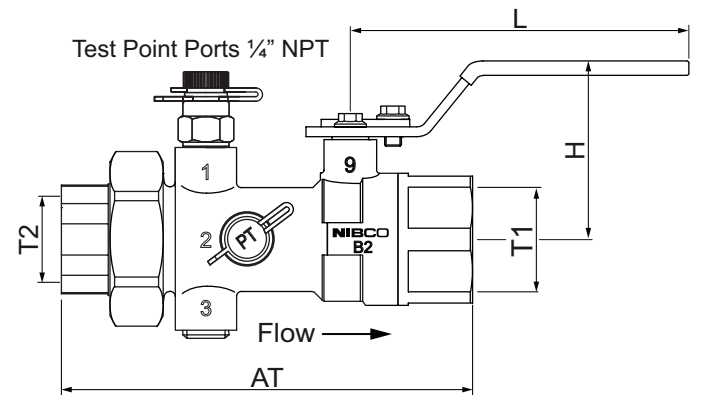
Model: T-1805-LF20, T-1805R-LF20, T-1805-LF66 & T-1805R-LF66
S-1805-LF20, S-1805R-LF20, S-1805-LF66 & S-1805R-LF66
PC-1805-LF20, PC-1805R-LF20, PC-1805-LF66 & PC-1805R-LF66

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)

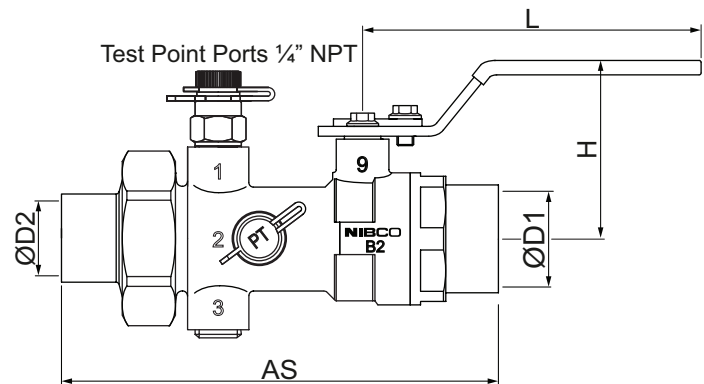
RECOMMENDED FLOW RANGE			
		Flow Range - gpm	
Size - In.	Venturi No.	Min	Max
1/2" & 3/4"	V-1	0.24	2.0
1/2" & 3/4"	V-2	0.8	6.0
3/4" & 1"	V-3	1.0	8.0
3/4" & 1"	V-4	2.3	18.0
1"	V-5	2.2	18.0
1 1/4"	V-6	4.3	35.0
1 1/2"	V-7	4.8	50.0
2"	V-8	6.0	80.0



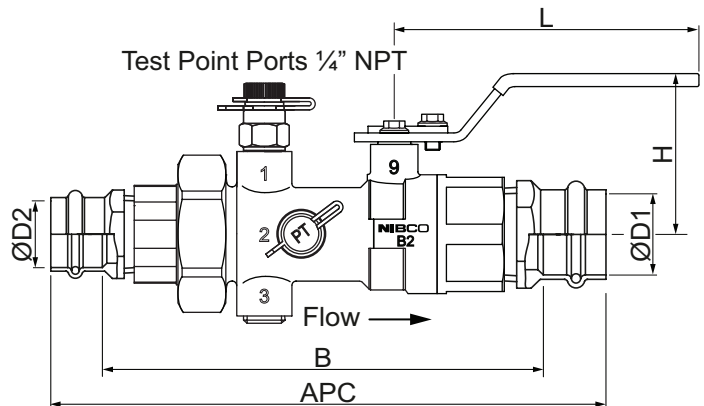
*Weighted average lead content ≤0.25%



THREAD



SOLDER



PRESS END

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S-1805-LF20, S-1805R-LF20, S-1805-LF66 & S-1805R-LF66
PC-1805-LF20, PC-1805R-LF20, PC-1805-LF66 & PC-1805R-LF66

DIMENSIONS - In.													
							Thread		Solder		Press End		
Body	T1 - Thread	T2 - Thread	D1	D2	H	L	AT	Weight Lbs	AS	Weight Lbs	APC	B	Weight Lbs.
B1	1/2" - 14 NPT	1/2" - 14 NPT	0.63	0.63	2.01	3.98	4.29	1.31	4.38	1.28	6.45	5.77	1.53
B1	3/4" - 14 NPT	3/4" - 14 NPT	0.88	0.88	2.01	3.98	5.12	1.77	4.65	1.75	8.00	7.12	2.17
B1	3/4" - 14 NPT	1/2" - 14 NPT	0.88	0.63	2.10	3.98	4.69	1.77	4.43	1.73	7.21	6.43	2.16
B2	3/4" - 14 NPT	1/2" - 14 NPT	0.88	0.63	2.01	3.98	4.43	1.85	4.43	1.73	6.95	6.17	2.16
B2	1" - 11.5 NPT	1/2" - 14 NPT	1.13	0.63	2.07	3.98	4.84	2.25	5.13	2.13	7.34	6.56	2.63
B2	1" - 11.5 NPT	3/4" - 14 NPT	1.13	0.88	2.07	3.98	4.84	2.17	5.13	2.15	7.70	6.82	2.64
B3	1" - 11.5 NPT	1" - 11.5 NPT	1.13	1.13	2.24	5.34	6.01	2.33	5.43	2.12	8.85	7.97	2.87
B3	1" - 11.5 NPT	1/2" - 14 NPT	1.13	0.63	2.24	5.34	5.13	2.25	5.13	2.13	7.63	6.85	2.63
B3	1" - 11.5 NPT	3/4" - 14 NPT	1.13	0.88	2.24	5.34	5.13	2.17	5.13	2.15	7.99	7.11	2.64
B4	1 1/4" - 11.5 NPT	1 1/4" - 11.5 NPT	1.38	1.38	2.43	5.34	6.55	4.43	7.03	4.37	10.23	9.23	5.37
B4	1 1/4" - 11.5 NPT	3/4" - 14 NPT	1.38	0.88	2.43	5.34	6.34	4.57	6.34	4.42	8.62	7.68	5.24
B4	1 1/4" - 11.5 NPT	1" - 11.5 NPT	1.38	1.13	2.43	5.34	6.54	4.55	6.54	4.40	9.80	8.86	5.29
B5	1 1/2" - 11.5 NPT	1 1/2" - 11.5 NPT	1.63	1.63	2.87	5.94	8.27	7.10	7.56	5.79	12.87	11.49	8.50
B5	1 1/2" - 11.5 NPT	1" - 11.5 NPT	1.63	1.13	2.87	5.94	7.06	6.05	7.06	5.90	10.78	9.65	7.02
B5	1 1/2" - 11.5 NPT	1 1/4" - 11.5 NPT	1.63	1.38	2.87	5.94	7.08	5.93	7.08	5.87	11.22	10.03	7.10
B6	2" - 11.5 NPT	2" - 11.5 NPT	2.13	2.13	3.11	5.94	9.46	10.7	9.20	8.92	14.16	12.66	12.56
B6	2" - 11.5 NPT	1 1/4" - 11.5 NPT	2.13	1.38	3.11	5.94	9.01	9.12	9.01	9.06	13.20	11.95	10.52
B6	2" - 11.5 NPT	1 1/2" - 11.5 NPT	2.13	1.63	3.11	5.94	9.01	9.10	9.01	9.05	13.66	12.22	10.73

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: _____