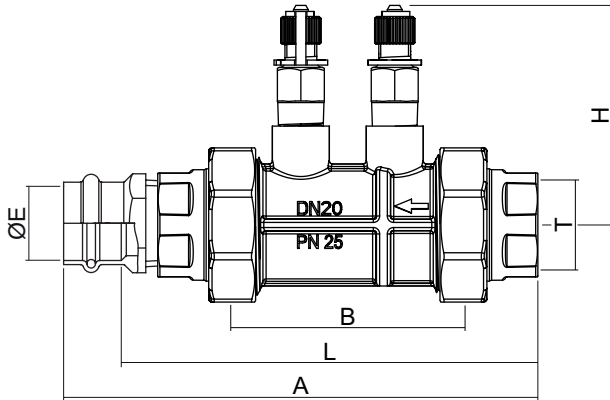


# TPC-1880 DZR Brass Automatic Balancing Valve

## with Double Union Ends and Test Points

### NPT Threaded End x Press End - 1/2" to 2"



**200 PSI Non-Shock Cold Working Pressure**  
**Maximum Temperature 250°F at 150 PSI**

**Flow Measurement Accuracy ±5%**  
**Balancing Cartridge to be selected**  
**based upon specified flow requirements**

#### DIMENSIONS - In.

Size	A	L	B	H	ØE	T - Thread	Cv <sup>1</sup>	Weight Lbs.	Cartridge
1/2"	4.79	4.10	2.20	2.34	0.63	1/2" - 14 NPT	13.87	0.94	MINI
1/2"	5.35	4.66	2.76	2.60	0.63	1/2" - 14 NPT	20.81	1.18	SMALL
3/4"	6.04	5.17	2.76	2.34	0.88	3/4" - 14 NPT	13.87	0.96	MINI
3/4"	5.86	4.99	2.76	2.60	0.88	3/4" - 14 NPT	20.81	1.30	SMALL
1"	6.03	5.16	2.76	2.60	1.13	1" - 11.5 NPT	27.74	1.41	SMALL
1 1/4"	8.00	7.00	4.21	2.87	1.38	1 1/4" - 11.5 NPT	97.10	3.68	MEDIUM
1 1/2"	8.46	7.09	4.21	2.87	1.63	1 1/2" - 11.5 NPT	97.10	4.14	MEDIUM
2"	10.45	8.95	4.21	2.87	2.13	2" - 11.5 NPT	92.79	8.43	MEDIUM

<sup>1</sup> Automatic balancing valve body without cartridge

#### MATERIAL LIST

PART	SPECIFICATION
Body	Brass - UNS C35330 (DZR)
O-ring	EPDM
Union	Brass - UNS C35330 (DZR)
Tail Piece	Brass ASTM B283 C37700
Test Point (2)	Brass UNS C35330 (DZR)
Tie	Polypropylene Red Color
Tie	Polypropylene Blue Color
Tag and Tie	Aluminium/Plastic
Sticker Label*	Paper
O-ring*	EPDM Peroxide
Regulating Cartridge*	Brass UNS C35330 (DZR) & Stainless St.
Retaining Spring*	Stainless Steel
Press End	Copper - ASTM B75 C12200
Press End O-ring	EPDM

\*Regulating Cartridge sold as separate part.

#### CARTRIDGE RANGE & CATEGORY

Size - In.	Flow Rate	Standard Range	Cartridge Category
1/2" & 3/4"	Low Flow	0.32 - 3.17 GPM	Mini
1/2" & 3/4"	Standard	0.79 - 11.4 GPM	Small
1"	Standard	0.79 - 11.4 GPM	Small
1 1/4"	Standard	4.44 - 31.1 GPM	Medium
1 1/2"	Standard	4.44 - 31.1 GPM	Medium
2"	Standard	4.44 - 31.1 GPM	Medium

Project: \_\_\_\_\_

Contractor: \_\_\_\_\_

PO/Job No.: \_\_\_\_\_

Engineer: \_\_\_\_\_

Representative: \_\_\_\_\_

Date: \_\_\_\_\_