

TECHNICAL DATA SHEET

tyrofloTM

Manual Balancing Valve-300 series

Balancing valve is a measurement and regulation device. Balancing valves are used in pressurized piping applications. Tyroflo offers wide range of manual balancing valves in HVAC for heating and cooling applications.

Flanged Type



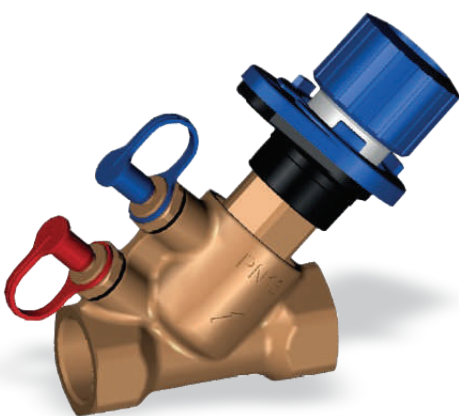
300-Series
Balancing Valve

	Body	Disc
0-	Cast Iron	Stainless Steel
1-	Ductile Iron	Stainless Steel

PN Rating	
0-	PN - 16
1-	PN - 25

End Connection	
T-	Threaded
F-	Flanged

Size
xxx



Threaded Type

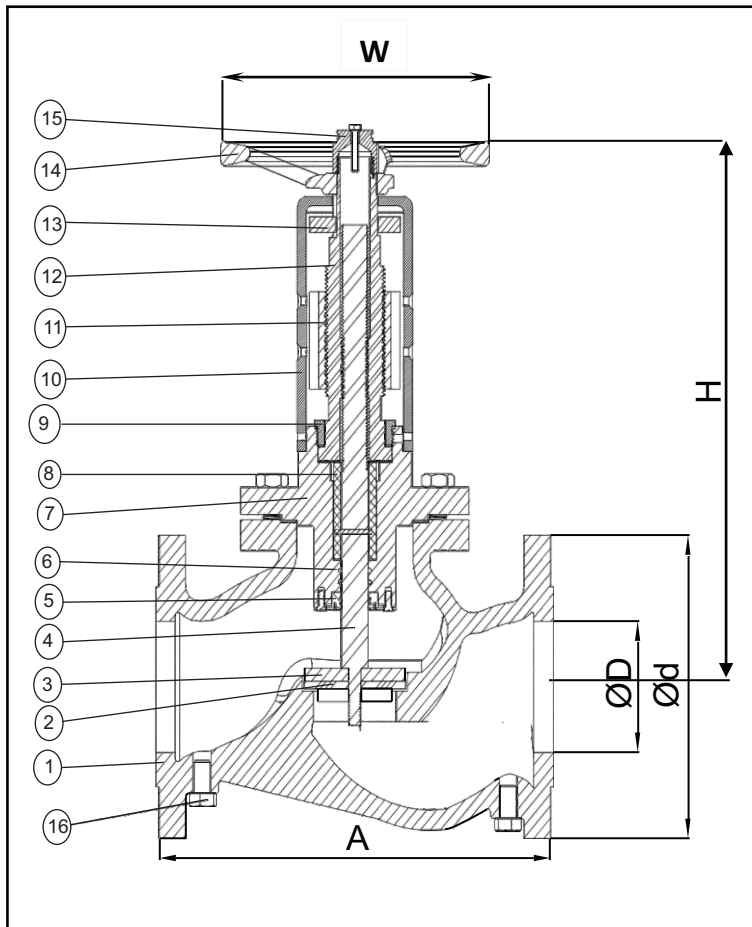
Features

Type	Flange
Pressure Rating	PN16
Shell Test Pressure	24 Bar
Seal Test Pressure	17 Bar
Medium Temperature	-10 °C to 110 °C
Suitable Media	Potable Water
Body	CI/DI
Disc	SS



DP CONTROLS LLP

Manual Balancing Valve



Technical Overview

Part No.	Part	Material
1	Body	Cast Iron
2	Seat	EPDM
3	Disc	Stainless Steel
4	Stem	SS 410
5	Seal	EPDM
6	O-Ring	Nitrile
7	Bonnet	Cast Iron
8	Guide	Mild Steel
9	Check Nut	Brass
10	Cover	Cast Iron
11	Scale - 1	Mild Steel
12	Balancing Nut	SS 410
13	Scale - 2	Cast Iron
14	Hand Wheel	Cast Iron
15	Nut	
16	Plug	Mild Steel

Outer Dimensions

Size	A	H	D	d	PCD	Holes	W
DN 50	230	218	50	165	125	4 x 19	200
DN 65	290	223	65	185	145	4 x 19	200
DN 80	310	355	80	200	160	8 x 19	200
DN 100	350	275	100	220	180	8 x 19	300
DN 125	400	290	125	250	210	8 x 19	300
DN 150	480	370	150	285	240	8 x 19	300
DN 200	600	415	200	340	295	12 x 23	300
DN 250	730	535	250	405	355	12 x 28	300
DN 300	850	565	300	460	410	12 x 28	300



Flanged Type