

MODEL (mm)-ZW209BS(D/E) Automatic Control Valve

Dimensional Data (mm) are Subject to Manufacturing Tolerances and Change Without Notice

PRODUCT CODES

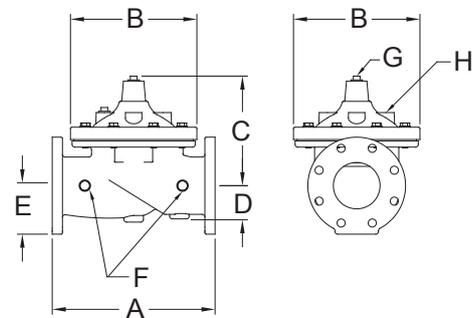
CODE	DESCRIPTION
100-ZW209BSD	100mm Automatic Control Valve (Table D)
100-ZW209BSE	100mm Automatic Control Valve (Table E)
150-ZW209BSE	150mm Automatic Control Valve (Table E)
200-ZW209BSE	200mm Automatic Control Valve (Table E)



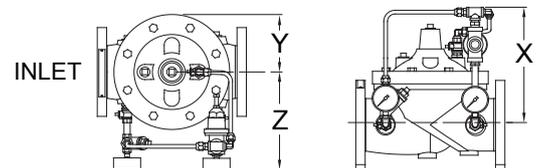
PRODUCT APPLICATION

- Designed for applications where the reduction of high inlet pressures to safe and stable outlet pressure is required
- Pilot assembly reacts to changes in downstream pressure allowing the main valve to modulate between the closed and open position
- Ensures a constant downstream set pressure
- Once the downstream pressure reaches the pilot setting, the main valve will seal shut preventing damage downstream
- Pressure regulation is not dependent upon flow rate
- Results in minimal pressure loss through the valve

MAIN VALVE DIMENSIONS



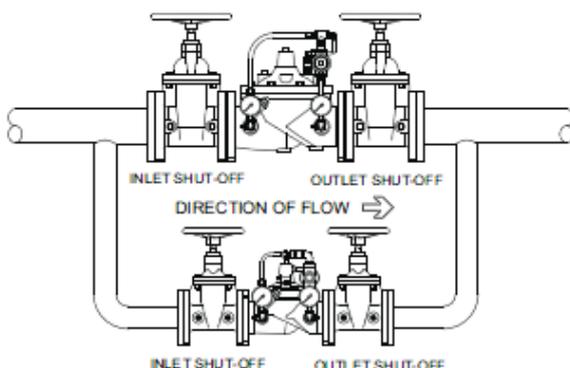
PILOT SYSTEM DIMENSIONS



PRODUCT SPECIFICATION

- Pilot spring range 104kPa - 134kPa
- Temperature rating 0.5°C - 60°C
- Pilot assembly
 - Wye type strainer
 - Opening speed control
 - Isolation valves
- Epoxy coated
- Inlet & outlet pressure gauges
- Table D/E flanges

Typical Installation



DIM		Valve Size (mm)		
		100	150	200
A	Threaded	n/a	n/a	n/a
	Class 150 Flange	381	508	645
	Class 300 Flange	397	532	672
	Grooved	381	508	645
B	Diameter	297	400	511
C	Max.	259	313	395
D	Max.	87	125	127
E	Class 150 Flange	114	140	171
	Class 300 Flange	127	159	191
F	NPT Body Tap	19	19	25
G	NOT Cvr. Plug Tap	19	19	25
H	NPT Cover Tap	19	19	25
Valve Stem Internal Thread UNF		6-508	6-508	10-406
Stem Travel (mm)		30	44	60
Approx Weight (kg)		65	130	225
Pilot System Dimensions				
X	Max.	298	325	391
Y	Max.	152	203	254
Z	Max.	260	289	337