



ICV DP controller is a use of the pressure of medium itself changes in self control while maintaining flows through the controlled system for medium pressure difference constant energy-saving products. Applicable to heating and central air conditioning water system dynamic pressure difference control, ensure the system pressure differential invariant. Flanges and drilling to BS EN 1092-2

Use:

For water to max. 90°C

Tests:

Hydraulic test to BS EN 12266
Body: 1.5 x PN

Marking:

Body: ICV logo, DN, PN and flow direction.
Accessory: pressure pipe
(Connection size: 1/2 in, Length: 2m)
Pressure adjusting hand wheel

Materials

Body	Ductile iron GGG40
Seat	Stainless steel AISI 304
Disc	Stainless steel AISI 304
Diaphragm	EPDM
Spring	Stainless steel AISI 304
Bonnet	Ductile iron GGG40
Stem	Stainless steel AISI 420
P/T port	DZR Brass CW617N

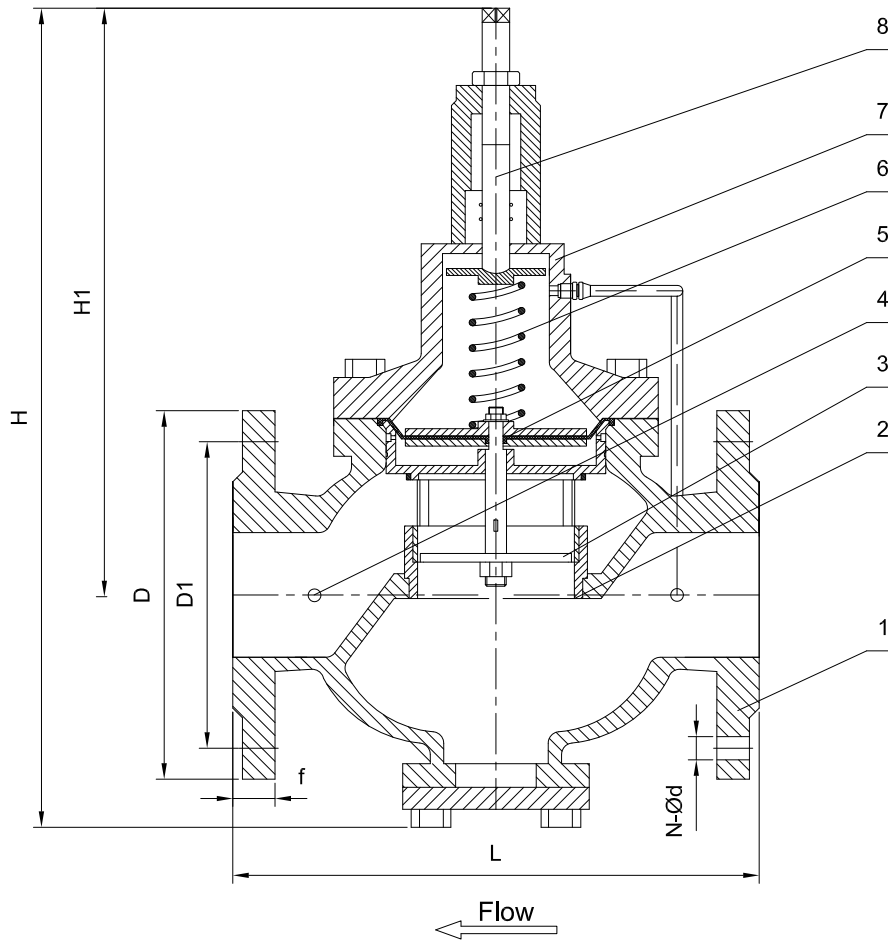
Working pressure range: 30-300KPa DN65-100
40-400KPa DN125-200
Control pressure range: 20-80KPa/40-160KPa



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Flanges and drilling to BS EN 1092-2

Component list

- | | | |
|---------|--------------|-----------|
| 1. Body | 4. P/T port | 7. Bonnet |
| 2. Seat | 5. Diaphragm | 8. Stem |
| 3. Disc | 6. Spring | |



Ref.no.	DN	L mm	H mm	H1 mm	D mm		D1 mm		N-Ød		Flow rate m ³ /h	Kvs m ³ /h	f mm	Weight Kgs	
					PN16	PN25	PN16	PN25	PN16	PN25					
908030050X103	50	230	518	433	165	165	125	125	4-Φ19	4-Φ19	2-17	32	19	19	17
908030065X103	65	290	578	460	185	185	145	145	4-Φ19	8-Φ19	4.2-28	50	19	19	28
908030080X103	80	310	605	469	200	200	160	160	8-Φ19	8-Φ19	5.5-40	80	19	19	42
908030100X103	100	350	610	478	220	235	180	190	8-Φ19	8-Φ23	6.5-65	125	19	19	51
908030125X103	125	400	672	493	250	270	210	220	8-Φ19	8-Φ28	8-90	160	19	19	65
908030150X103	150	450	769	551	285	300	240	250	8-Φ23	8-Φ28	18-154	280	19	20	115
908030200X103	200	500	807	571	340	350	295	310	12-Φ23	12-Φ28	40-180	320	20	22	146

X=1, PN16
X=3, PN25

