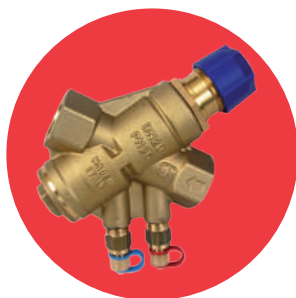




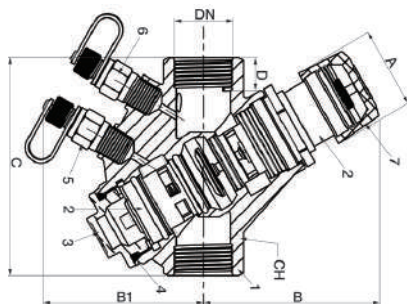
Art20

Pressure Independent Balancing & Control Valve (PIBCV)



Features

- BSP Parallel (ISO 228/1)
- Easy flow selection via preset dial
- Automatic flow balancing with fluctuating pressures
- Flow modulation along whole control actuator stroke (ART C21V, C22V, C23E)
- Reduction of commissioning, improved energy saving
- Phased installation and system future proofing
- Easy flush due to simple removal of control cartridge



Technical data

Max pressure: 25 Bar
 Working temp: -10°C to +120°C
 Max Differential Pressure: 4 Bar (400kPa)

DN	15LF	15HF	20LF	20HF	25LF	25HF	32	40	50
A	35	35	35	35	35	35	35	35	35
B	81	81	81	81	81	81	87	120	130
B1	72	72	72	72	72	72	76	87	93
C	96	96	97	97	103	103	128	144	155
D	14	14	15	15	16	16	19	17	20
CH	27	27	32	32	39	39	47	54	69
Flow (l/s)	0.022-0.174	0.068-0.479	0.036-0.292	0.081-0.566	0.064-0.478	0.081-0.566	0.129-0.849	0.562-1.974	0.612-2.385
Min ΔP (kPa)	14.5-16	14-18	14.5-16	14-22	14-16	14-22	14.5-18	16-26	19-32
Kvs	0.21-1.57	0.65-4.06	0.34-2.63	0.78-4.34	0.62-4.30	0.78-4.34	1.22-7.20	5.06-13.94	5.05-15.18
Kgs	0.88	0.88	0.86	0.86	1.02	1.02	1.46	2.55	3.20

N.	Part Name	Materials
1	Body	DZR Brass CW602N-M
2	Bonnet	DZR Brass CW602N-M
3	Plug	DZR Brass CW602N-M
4	O-Ring	EPDM
5	Blue Binder Point	DZR Brass CW602N-M
6	Red Binder Point	DZR Brass CW602N-M
7	Plastic Cap	Plastic

