

CIM 787

VARIABLE ORIFICE BALANCING VALVES



SERVICE RECOMMENDATIONS:

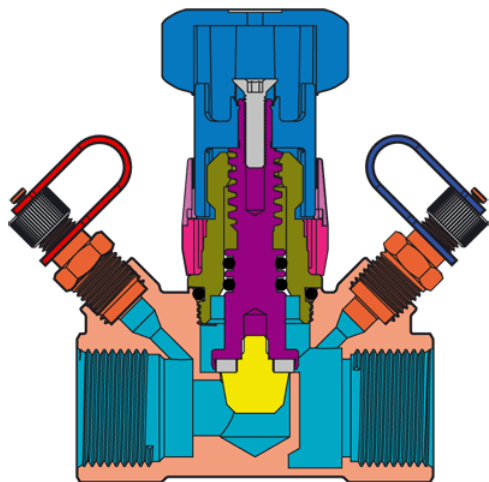
Cim 787 variable orifice balancing valves are suitable for both heating (LPHW) and cooling applications at working pressures up to 20 bar.

Are available in DZR brass (Cim 787) or in standard brass (Cim 787OT).

The main features of Cim 787 balancing valves are as follows:

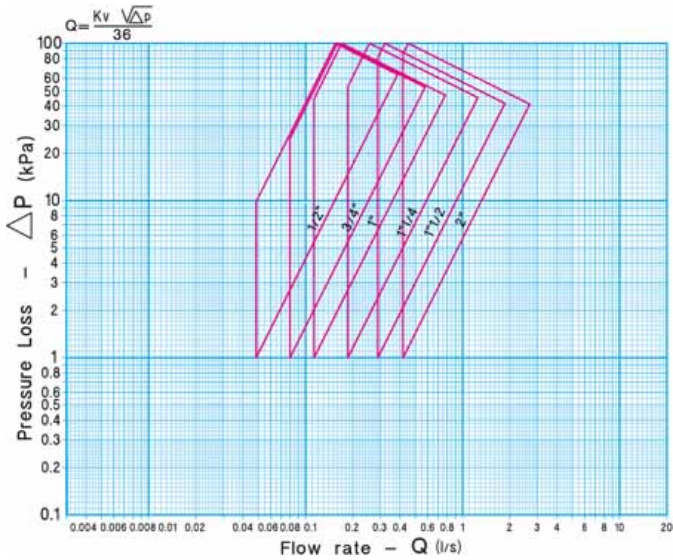
- A thread locking mechanism so that valve settings can be accurately locked enabling the valve to be closed and re-opened to its exact pre-set position.
- Allen key locking of valve positions.
- A valve position indicator scale which can be read from any angle.
- An EPDM lined valve plug providing tight shut-off for isolation purposes.
- Pressure Class: PN20. Temperature: -10°C÷120°C

CROSS SECTION



BODY :	BRASS EN12165-CW602N
BONNET :	BRASS EN12165-CW602N
STEM :	BRASS EN12165-CW602N
GASKET :	EPDM
SHUTTER :	BRASS EN12165-CW602N
INDEX :	HOSTAFORM
ENTRAINER :	NYLON 6
KNOB :	NYLON 6
1/10 TURN INDEX :	HOSTAFORM
SCREW :	STEEL
ORING :	HNBR
BINDER POINTS :	BRASS EN12165-CW617N/SILICONIC RUBBER

FLOW AND PRESSURE DROP



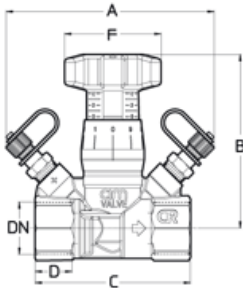
Flow and pressure drop
 1 l/min = 0,06 m³/h
 1 m³/h = 16,67 l/min

PRESSURE TEMPERATURE RATINGS



Pressure / temperature ratings
 1 bar = 14,5 p.s.i.
 °C = 5/9 (°F-32)
 °F = 32+9/5 °C

TECHNICAL DRAWING



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"
Kvs	1,7	2,9	4,1	6,7	10,4	15,1
Grms.	380	440	535	960	1120	1350
A	106	107	107	123	128	132
B	87,5	89,5	91,5	99	99	100
C	75	80	87	108	115	124
D	16	19	21	22,5	23	26,5
F	50	50	50	50	50	50