



PRESSURE REDUCING VALVE

BRONZE PRESSURE REDUCING VALVE, PN20

Model Number: MV80-120



FEATURES / CHARACTERISTICS

Rating	PN20
Connections	BS EN 10226-2 Taper Threaded (ex BS21)
Working Medium	Water, Oil and Steam
Outlet pressure:	1~4 bar (DN15-DN25) 1~5 bar (DN32-DN100)

Direct Acting Type, Female Threaded Ends,
Provision for pressure gauge

ON REQUEST

NPT Threads (subject to minimum order quantities)

HYDROSTATIC TEST PRESSURE

Shell- 30 bar
Seat- 22 bar

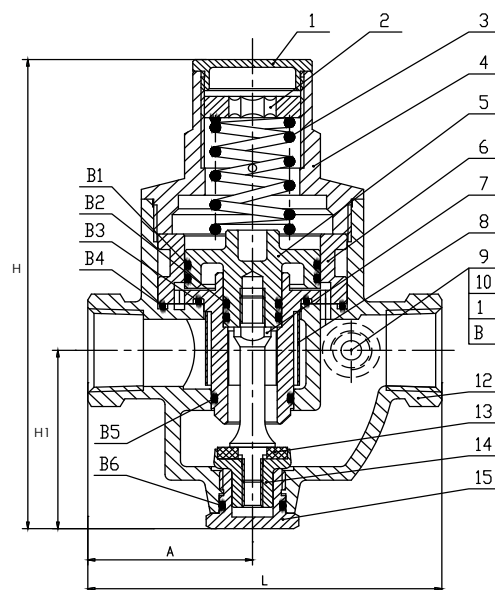
WORKING TEMPERATURE

20 Bar 0° C to 70° C water
WRAS approved 0° C to 70° C



MATERIAL SPECIFICATIONS

	PARTS	MATERIAL
1	Tap Lid	Brass CW617N
2	Adjusting Screw	Brass CW617N
3	Spring	Steel
4	Bonnet	Bronze CC491K
5	Core	Brass CW617N
6	Core Seat	Brass CW617N
7	Connection Piece	Brass CW617N
8	Mesh	SS304
9	Male Plug	Bronze CC491K
10	Gauge	As per Required
11	Gasket	NBR
12	Body	Bronze CC491K
13	Gasket	NBR
14	Disc	Brass CW617N
15	Bottom Lid	Brass CW617N
B1-B7	O ring	NBR



DIMENSIONS (mm)

Sizes		A	L	H	H1
DN	inch				
15	½"	42	89	121	46
20	¾"	43	92	121	46
25	1"	46	98	121	46

*All dimensions are nominal (indicative)
Actual dimensions may vary



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	PARTS	MATERIAL
1	Tap Lid	Brass CW617N
2	Adjusting Screw	Brass CW617N
3	Spring	Steel
4	Bonnet	Bronze CC491K
5	Forcing Screw	Bronze CC491K
6	Pressplate	Stainless Steel
7	Diaphragm	EPDM + Fibre
8	Gasket	SS304
9	Core	Brass CW617N
10	Core Seat	Brass CW617N
11	Male Plug	Bronze CC491K
12	O Ring	NBR
13	Gauge	As per Required
14	Mesh	SS304
15	Connection Piece	Brass CW617N
16	Gasket	NBR
17	Body	Bronze CC491K
18	Disc	Brass CW617N
19	Bottom Lid	Brass CW617N
20-23	O Ring	NBR

DIMENSIONS (mm)

Sizes		L	L1	H	H1
DN	inch				
32	1¼"	126	56	192	62
40	1½"	126	56	192	62
50	2"	168	72	272	85
65	2½"	174	76	272	85
80	3"	225	99	385	113
100	4"	230	105	385	113

*All dimensions are nominal (indicative)
Actual dimensions may vary

