

100 CENTURY PLUS

Features

- Globe/angle configuration (G/A)
- Accepts **Irritrol OmniReg** pressure regulator
- Female thread BSP 1" - 1 1/2" - 2" - 3" (NPT available on request)
- Flow control (FC)
- Brass flow control stem (2" and 3" mod.)
- Internal and external manual bleed
- Body and cap in Nylon reinforced with fiberglass (30%)
- Molded-in brass studs allow positive bonnet attachment
- Captive Solenoid (the plunger is retained in the solenoid)
- Slow, anti water hammer closing
- Rugged, nylon-reinforced Buna-N double-beaded diaphragm
- O-ring gasket on unused inlet cap guarantees hermetic seal and does not require Teflon
- Self-cleaning control orifices
- Working pressure: 0,7 to 13,8 bar
- Solenoid 24VAC 50Hz (24VAC 60Hz on request)
- Inrush current, 0,34 Amp.
- Holding current, 0,20 Amp.



100P1-BSP

Code

100P1-BSP	mod. 1" FBSP FC
100P1,5-BSP	mod. 1 1/2" FBSP FC
100P2-BSP	mod. 2" FBSP FC
100P3-BSP	mod. 3" FBSP FC

Pressure loss (bar)

m ³ /h	1,2	2,4	3,6	4,8	6,0	7,2	8,4	9,6	10,8	12,0	15,0	18,0	21,0	24,0	27,0	30,0	33,0	36,0	39,0	42,0	45,0	48,0	51,0	54,0	57,0	60,0	63,0	66,0
l/min	20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1110
1" Globe	0,32	0,28	0,24	0,22	0,25	0,32	0,43	0,55	0,69	0,83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1" Angle	0,32	0,28	0,24	0,21	0,19	0,22	0,30	0,39	0,49	0,61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 1/2" Globe	-	-	-	-	-	0,12	0,14	0,18	0,22	0,28	0,43	0,62	0,85	1,11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 1/2" Angle	-	-	-	-	-	0,09	0,10	0,12	0,17	0,22	0,34	0,48	0,65	0,84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2" Globe	-	-	-	-	-	-	-	-	-	-	-	0,14	0,20	0,25	0,32	0,40	0,48	-	-	-	-	-	-	-	-	-	-	-
2" Angle	-	-	-	-	-	-	-	-	-	-	-	0,08	0,12	0,15	0,19	0,24	0,29	-	-	-	-	-	-	-	-	-	-	-
3" Globe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,18	0,20	0,23	0,28	0,32	0,36	0,41	0,47	0,52	0,58	0,65
3" Angle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,14	0,16	0,19	0,22	0,26	0,30	0,34	0,38	0,43	0,49	0,54

104

Code

IT-VHH02500	104 Series - 1" hydraulic control
IT-VHH04000	104 Series - 1 1/2" hydraulic control
IT-VHH05000	104 Series - 2" hydraulic control
IT-VHH08000	104 Series - 3" hydraulic control

Features

Hydraulic control valve

- Normally open. An external pressure maintains it in the closed position
- It can be connected in parallel to electric valves to avoid the use of large valves and to save cable
- It accepts a control capillary with a 4 mm inside diameter
- Female thread BSP: 1" - 1 1/2" - 2" - 3".