

INTEC Controls provides. . .



. . . High Performance Globe Valves

Compatible with electric or electronic analog control, DDC/PLC control and building automation systems

Conquer demanding applications

- **High Close-Off**
- **Chilled, Hot & Superheated Water**
- **Low & High Pressure Steam**

- Control signals
 - Built-in selectable ranges:
 - 0...10 VDC, 2...10 VDC, 1...5 VDC,
 - 4...7 VDC, 6...9 VDC, 8...11 VDC,
 - 4...20 mA
 - Tri-state/3-point floating or two-position

- Feedback positioning
 - Built-in selectable:
 - 0...10 VDC, 10...0 VDC,
 - 0...200 μ A, 200...0 μ A
 - Optional,
 - potentiometer 1K Ω ,
 - two adj. aux. SPDT switches

- Direct/reverse acting, jumper selectable
- True manual override
- 24 VAC, 110 VAC or 230 VAC

- Mechanical spring return
 - Voltage/current proportional control
 - Tri-state/3-point floating or two-position control



SS..., DS..., VB..., VS...,
3V..., VM...+ MVL..



SSGA

- Close-off up to 435 PSIG
- 232, 363 or 580 PSIG body rated
- Media temperature -40°F to +662°F
- Steam up to 174 PSIG



VBS

- 2-way or 3-way
- 1/2" to 8" flanged
- Single or double seated
- Balanced inner valve for "high close-off & differential"
- High turndown ratio



VBAA

certified
ISO 9002
CE



INTEC Controls provides compatible quality controls, peripherals and interface devices to the HVAC Controls, Energy Management and Building Automation markets.

HIGH PERFORMANCE FLANGED GLOBE VALVES

BAL* = BALANCED INNER VALVE DESIGN FOR HIGH DIFFERENTIAL AND CLOSE-OFF PRESSURE

▲▲▲ = CLOSE-OFF RATING BASED ON INSTALLED NON-SPRING RETURN ACTUATOR MVL.. FOR 2-WAY APPLICATION

SERIES (DATA SHEET)	BODY	SIZES Inch (mm)	Cv (Kv)	MEDIA TEMP °F (°C)	STEAM Pmax PSIG (bar)	CLOSE-OFF Pmax ▲▲▲ PSIG (bar)
BODY / STATIC PRESSURE RATING: 232 PSIG (PN 16 / 16 bar)						
VSB, VMB (VSB, VMB)	2+3-WAY SCREWED	1/2 to 2 (15 to 50)	1.16 to 46.67 (1.0 to 40.0)	14 to 302 (-10 to 150)	22 (1.5)	145 to 87 (10 to 6)
VSB.F, VMB.F (VSB.F, VMB.F)	2+3-WAY	1/2 to 2 1/2 (15 to 65)	1.16 to 73.50 (1.0 to 63.0)	14 to 302 (-10 to 150)	14.5 (1)	145 to 58 (10 to 4)
VSG, VMB16 (VSG, VMB16)	2+3-WAY	2 1/2 to 6 (65 to 150)	73.50 to 350.00 (63 to 300)	14 to 302 (-10 to 150)	14.5 (1)	58 to 7.3 (4 to 0.5)
SSGA (SSGA)	2-WAY	1/2 to 4 (15 to 100)	1.87 to 163.33 (1.6 to 140.0)	14 to 392 (-10 to 200)	131 (9)	232 to 20 (16 to 1.4)
DSGA (DS)	2-WAY	8 (200)	583.33 (500)	14 to 392 (-10 to 200)	116 (8)	130 (9)
VBG BAL* (VBG, VBGA)	2-WAY	3 to 6 (80 to 150)	116.67 to 350.00 (100 to 300)	14 to 302 (-10 to 150)	29 (2)	232 to 210 (16 to 14.5)
VBGA BAL* (VBG, VBGA)	2-WAY	4 to 5 (100 to 125)	186.67 to 233.33 (160 to 200)	14 to 446 (-10 to 230)	116 (8)	232 (16)
3VGA (VM-3V)	3-WAY	4 to 5 (100 to 125)	163.33 to 291.65 (140 to 250)	14 to 392 (-10 to 200)	N/A	19 to 11.6 (1.3 to 0.8)
BODY / STATIC PRESSURE RATING: 363 PSIG (PN 25 / 25 bar)						
VSS (SS-VS)	2-WAY	1 to 2 1/2 (25 to 65)	4.67 to 73.50 (4.0 to 63.0)	14 to 446 (-10 to 230)	116 to 53 (8 to 3.7)	290 to 53 (20 to 3.7)
VBS BAL* (VBS)	2-WAY	1 to 3 (25 to 80)	4.67 to 116.70 (4.0 to 100.0)	14 to 446 (-10 to 230)	116 (8)	363 (25)
DSAA (DS)	2-WAY	6 (150)	350 (300)	14 TO 446 (-10 TO 230)	174 (12)	203 (14)
VMS (VM-3V)	3-WAY	1 to 2 1/2 (25 to 65)	4.67 to 73.50 (4.0 to 63.0)	14 to 446 (-10 to 230)	N/A	290 to 51 (20 to 3.5)
3VSA (VM-3V)	3-WAY	3 (80)	128.33 (110)	14 to 446 (-10 to 230)	N/A	29 (2)
VMSTS (VM-3V)	3-WAY	1 to 2 1/2 (25 to 65)	4.67 to 73.50 (4.0 to 63.0)	14 to 572 (-10 to 300)	N/A	73 to 43.5 (5 to 3)
3VSATS (VM-3V)	3-WAY	3 (80)	128.33 (110)	14 to 572 (-10 to 300)	N/A	29 (2)
BODY / STATIC PRESSURE RATING: 580 PSIG (PN 40 / 40 bar)						
SSAA (SS-VS)	2-WAY	1/2 to 4 (15 to 100)	1.87 to 163.33 (1.6 to 140.0)	14 to 446 (-10 to 230)	145 to 20 (10.0 to 1.4)	435 to 20 (30 to 1.4)
SSAACP (SS-VS)	2-WAY	1/2 to 4 (15 to 100)	1.87 to 163.33 (1.6 to 140.0)	14 to 662 (-10 to 350)	145 to 20 (10.0 to 1.4)	435 to 20 (30 to 1.4)
VBAA BAL* (VBAA)	2-WAY	1 to 5 (25 to 125)	11.67 to 233.40 (10 to 200)	-4 to 446 (-20 to 230)	174 (12)	435 to 319 (30 to 22)
3VAA (VM-3V)	3-WAY	1 to 5 (25 to 125)	4.67 to 291.67 (4 to 250)	14 to 446 (-10 to 230)	N/A	290 to 11.6 (20 to 0.8)
3VAACP (VM-3V)	3-WAY	1 to 5 (25 to 125)	4.67 to 291.67 (4 to 250)	-4 to 662 (-20 to 350)	N/A	290 to 11.6 (20 to 0.8)