



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

ELECTRIC ACTUATED STAINLESS STEEL FLANGED 2 PIECE BALL VALVE
For On / Off and Modulating Service
with manual over-ride

(For MODULATING service same actuator but use the RPC option)

2 - PC FLANGED ASA 150 STAINLESS STEEL BALL VALVES.
FULL PORT.

Flanged and Drilled ASA 150 API 607 Firesafe (VBL-S1512FS-E)

Flanged, Drilled AS2129 Table E non firesafe (VBL-S1512E-E)

Flanged and Drilled ASA150 non firesafe (VBL-S1512-E)

Size range:

½" -24" (15nb – 600nb)

Flanged ends :

ANSI B16.5 class 150

ASTM A351-CF8M (DIN 1.4408) Stainless Steel

Materials :

- * High quality investment casting body.
- * Iso 5211 mounting pad
- * Valve CWP 280psi (flange drilling dependant) -29 to 180 Deg C
- * Blow-out proof stem S/S 316, adjustable stem packing.
- * PTFE seats and seals – 316 s/s solid ball
- * ANSI B16.10 face to face dimensions.

Actuator Standard Configuration

IP67 Weatherproof, NemaA4 4X and 6, O ring sealed

Power supply to be selected

Manual override de-clutchable handwheel op

Hard Anodized aluminium housing powder coated

Mounting Base ISO5211

Self locking by double worm gear gearing (no brake required)

Reliable Mechanical Torque sensing system

Duty Cycle (on-off) S2:10min-30min

Limit Switches 2 each for open and close

Torque Switches 1 each for open and close

Built in Thermal protection

Space heater 5w for anti-condensation

Cable entries 2-PF ¼ TAP VCS

Basic Actuator Temperature range

-20 to 70 Deg C (-10 to 20DegC with controls)

Visual position indicator window

ACTUATOR OPTIONS :

Voltages: 12vDC, 24VAC/DC, 110vAC,240vAC,3 phase 414vAC

EX = Explosion proof (EXdiiBT4) Atex

WT = IP68 (Water tight)

ALS = Auxiliary limit switches

ATS = Auxiliary torque switches

EXT = Extended travel 120/135/180/270 Degree

REMOTE MONITORING AND CONTROL OPTIONS

PK = Potentiometer kit (output signal:1-1Kohm)

CT = Current Transmitter (output signal 4-20mA)

RPC = Remote positioner control (input and output) Duty cycle (modulating = S4 30-50% 300-1200 start/hour)

BUS = Profibus Communication / CANopen Communication

Local Control Options refer VCS for on actuator controls.

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BRISBANE SYDNEY MELBOURNE

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PK



CT

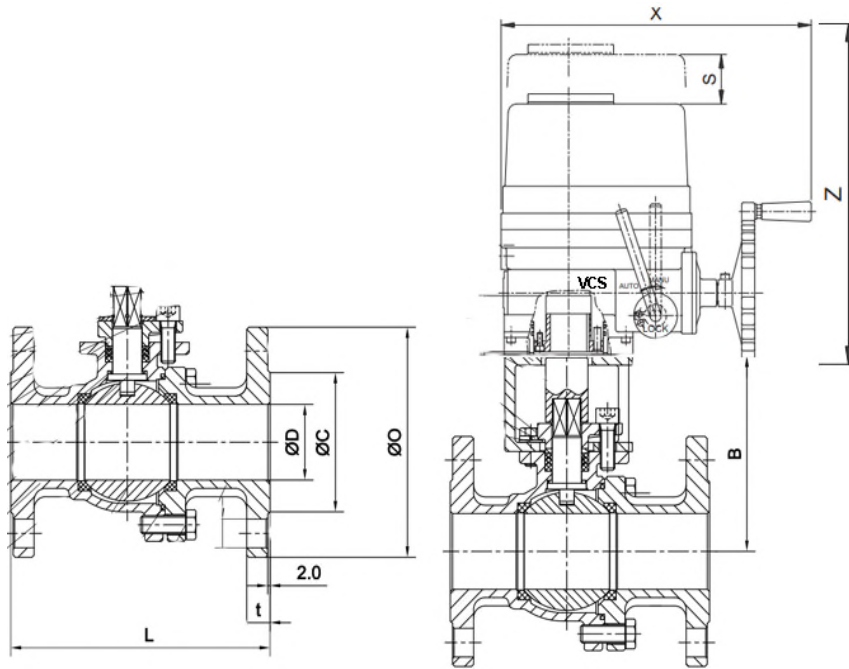


RPC

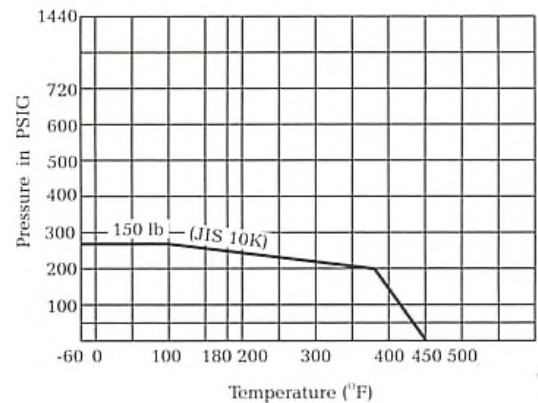




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Dimensions (MM)							
Size	d	L	C	O	B	X	Z
1/2"-15	15	108	35	89	114	258	245
3/4"-20	20	117	43	98	114	258	245
1"- 25	25	127	51	108	146	258	245
1 1/4"- 32	32	140	64	117	146	258	245
1 1/2"- 40	40	165	73	127	229	258	245
2" -50	50	178	92	152	229	258	245
2 1/2"- 65	64	190	105	178	340	258	245
3" - 80	78	203	123	190	340	338	284
4" - 100	98	230	155	229	340	338	313
5" - 125	123	356	186	254	380	357	313
6" - 150	148	394	216	279	510	380	338
8" - 200	200	457	270	343	720	440	385



Actuation selection is based for general service with minimum 1.5 times safety factor.
 For small bore valves below 1 1/2" (40nb) consider using a smaller standard actuator without the manual over-ride for economy and installation.
 Uncontrolled document subject to change without notice, contact VCS if certified drawings are required.
 From an engineering, operation and maintenance perspective we prefer to use a mounting bracket between the valve and actuator.

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