



# Five Smart Reasons Why You Should Spec Camseal®

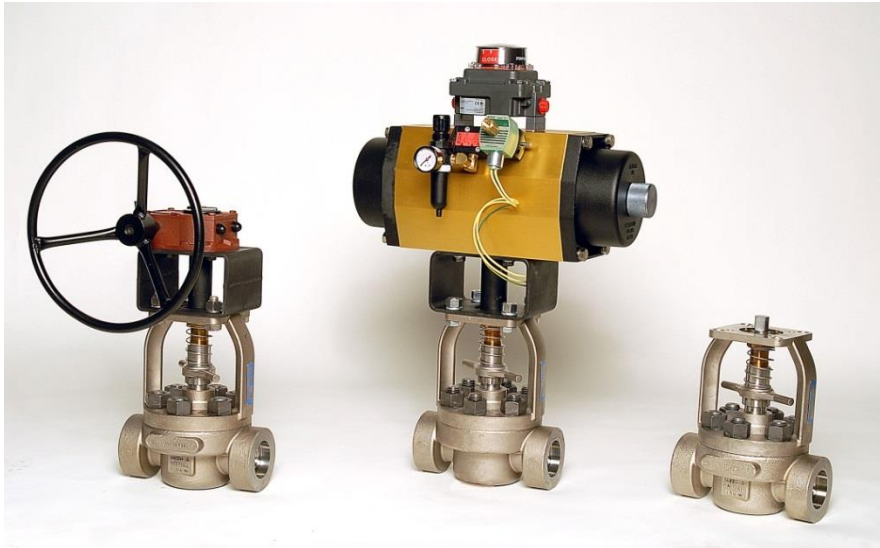




- 1. Unique Zero Leakage Design**
- 2. Top Quality Manufacturing**
- 3. Long, Reliable Life Cycle**
- 4. Ease of Maintenance & Repair**
- 5. Enormous Savings in Labor,  
Materials & Downtime**



# 1. Unique, Patented Zero-Leakage Design



- Zero Body Leakage.
- Zero Seat Leakage.
- Zero Stem Seal Leakage.
- Even on actuated valves!



- Zero leakage at hydrostatic test to 7750 psi, measured in cc/minute over a 2 minute test period.



- Zero leakage at gas test to 1000 psi, measured in cc/minute over periods of up to 4 minutes.





## 2. Top Quality Manufacturing

Every Camseal is manufactured to rigorous standards. Global QA qualifications include:



# All valves are manufactured at our World Class facility in Enfield, CT



MADE IN



U. S. A



**Conval** INC.



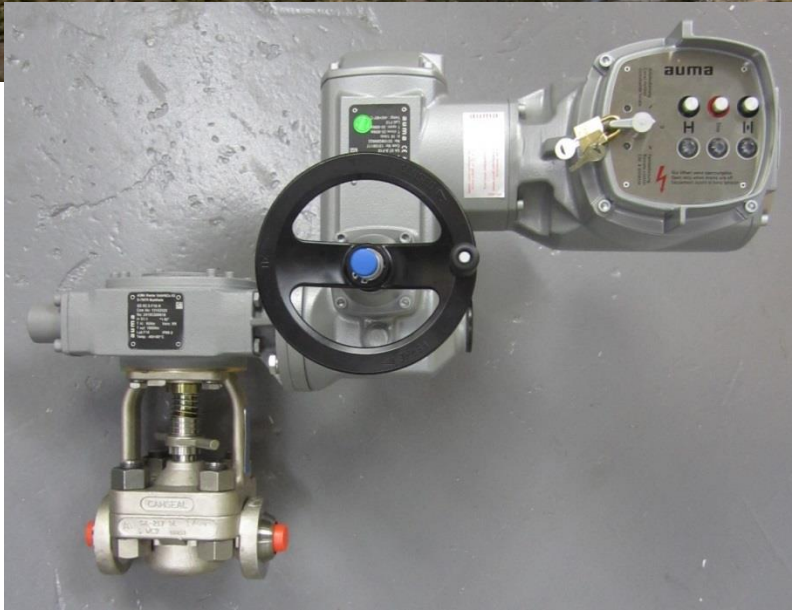
# All Conval valves are meticulously tested, every step of the way.



### 3. Long, Reliable Life Cycle



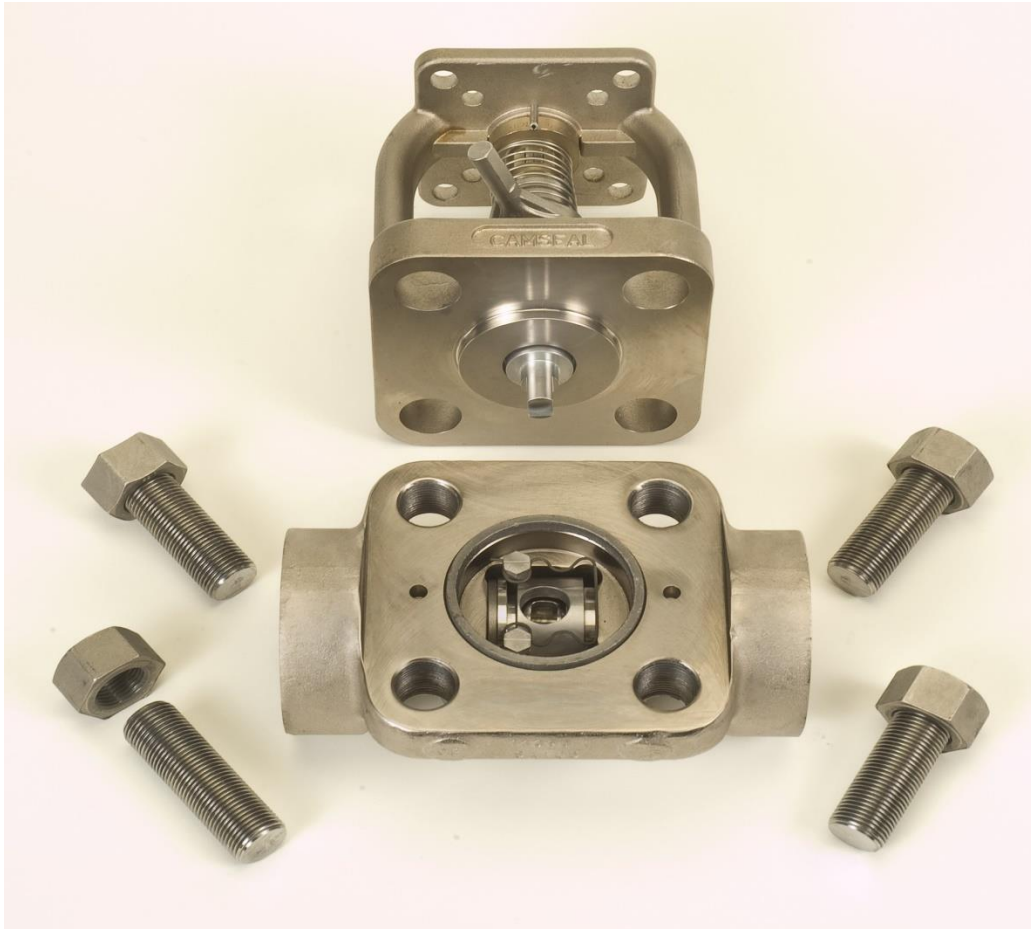




For example, operators of this power generation plant prefer to specify Camseal actuated boiler drain valves because of their robust design, ease of installation, reliability, ease of inspection and repairability.



## 4. Ease of Maintenance & Repair



Camseal is the only zero leakage top entry, cartridge style forged ball valve for severe service apps.





- The Camseal cartridge is easily removed for on-site, in-line parts replacement, reassembly and reinstallation.



- This in-line renewability can be accomplished within 30 minutes, restoring Zero Leakage performance in the event of process application abuse.





# No Welding Required!



- Conval sources F91 material to comply with EPRI and all major utility material specifications.
- F91 material is extremely sensitive to hardness and heat—making welding a very sensitive operation.
- In-line serviceable Camseals with F91 offer superior performance and pay for themselves quickly in maintenance and repair savings.





High-performance valves  
and accessories for the world's  
most demanding applications

#### PRICE COMPARISON:

### Repairing a Ball Valve vs. Replacing a Ball Valve



Conval Camseal® ball valves provide zero body, seat, and stem seal leakage. The body/bonnet joint is not subject to pipeline stresses. There is no in-line body bolting to loosen and fatigue. Reliable, accurate ball alignment is achieved due to the robust engagement between the one-piece stem and the ball.

The unique Camseal replacement cartridge design makes it possible to perform in-line servicing in 30 minutes.

#### EXAMPLE

Repairing a Ball Valve		COST
Material	Tool Kit	*
	Cartridge	\$850.00
	SUBTOTAL:	\$850.00
Labor	Labor rate/hour	\$100.00
	X number of hours	0.5
	X number of workers	1
	SUBTOTAL:	\$50.00
TOTAL REPAIRING COST:		\$900.00

Replacing a Ball Valve		COST
Material	2", Carbon Steel WCB, SW	\$1,930.00
	SUBTOTAL:	\$1,930.00
Labor	Labor rate/hour	\$100.00
	X number of hours	6
	X number of workers	2
	SUBTOTAL:	\$1,200.00
TOTAL REPLACING COST:		\$3,130.00

#### ACTUAL

Repairing your specific Ball Valve		COST
Material	Tool Kit	
	Packing	
	SUBTOTAL:	
Labor	Labor rate/hour	
	X number of hours	
	X number of workers	
	SUBTOTAL:	
TOTAL REPAIRING COST:		

Replacing your specific Ball Valve		COST
Material		
	SUBTOTAL:	
Labor	Labor rate/hour	
	X number of hours	
	X number of workers	
	SUBTOTAL:	
TOTAL REPLACING COST:		

- In this very realistic example, the cost of repairing a Camseal is just 29% of the cost of replacing it.

- The savings in time and money over the lifetime of your facility are *substantial!*



## 5. Enormous Savings in Labor, Materials, and Downtime.



Ideal for new construction or MRO apps.





# Add it all up:

1. Unique Zero Leakage Design
2. Top Quality Manufacturing
3. Long, Reliable Life Cycle
4. Ease of Maintenance & Repair
5. Enormous Savings in Labor, Materials & Downtime

And the bottom line is that it's smart to spec Camseal for **your** severe service valve needs.



# Contact us today for details!

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