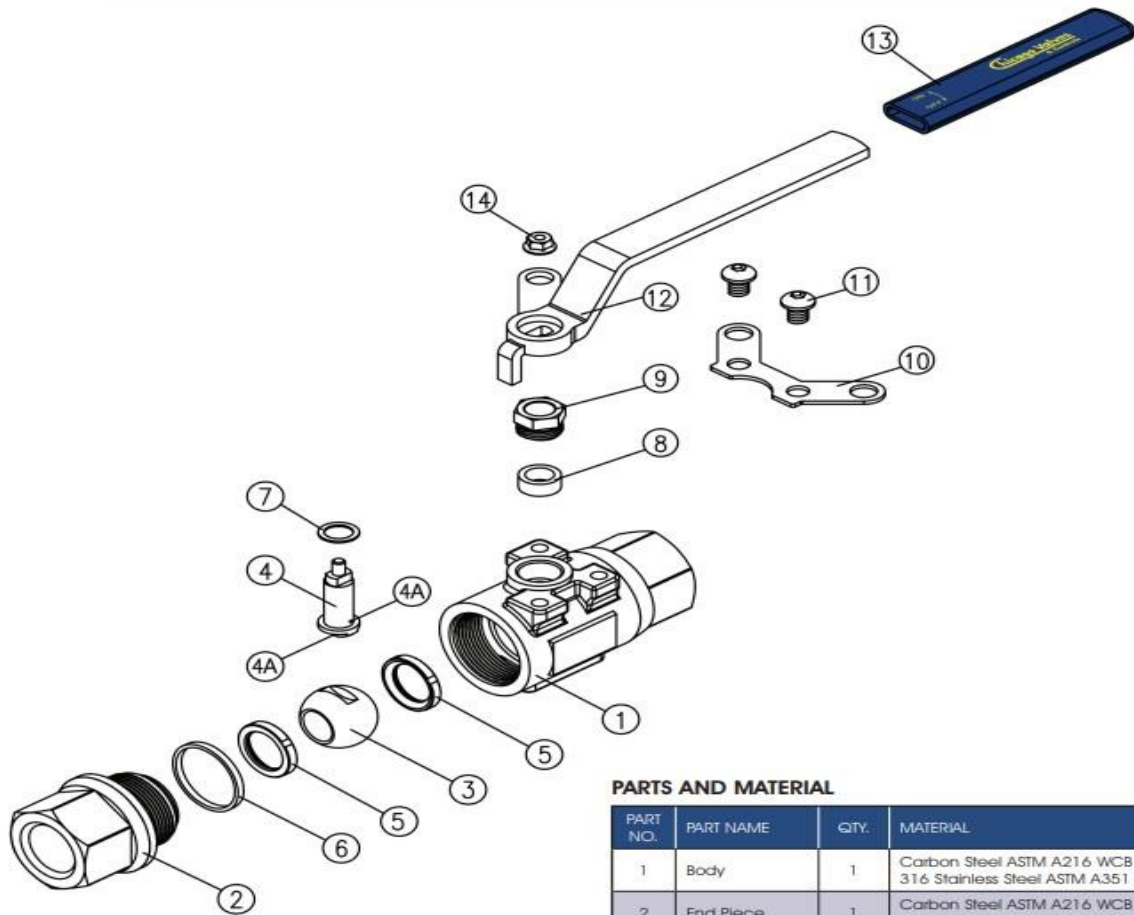


Series FS29 Firesafe Seal Weld Class 2500 Ball Valve Installation, Operation, and Maintenance Instructions



PARTS AND MATERIAL

PART NO.	PART NAME	QTY.	MATERIAL
1	Body	1	Carbon Steel ASTM A216 WCB 316 Stainless Steel ASTM A351 CF8M
2	End Piece	1	Carbon Steel ASTM A216 WCB 316 Stainless Steel ASTM A351 CF8M
3	Ball	1	316 Stainless Steel ASTM A351 CF8M
4	Stern	1	316 Stainless Steel
4A	Anti-Static Ball	2	300 Series Stainless Steel Hard Drawn Stainless Steel
5	Seat	2	PEEK / Deltin
6	Body Seal	1	Graphite
7	Thrust Bearing	1	PEEK
8	Stem Packing	1 Set	Graphite
9	Packing Nut	1	304 Stainless Steel
10	Travel Stopper	1	304 Stainless Steel
11	Screw	2	304 Stainless Steel
12	Handle	1	Carbon Steel ASTM A216 WCB
13	Handle Sleeve	1	PVC
14	Flange Nut	1	304 Stainless Steel

INSTALLATION:

These valves may be installed in the pipeline in any orientation or position, using good piping practice. For threaded end valves, use a suitable joint compound or TFE tape on pipe threads for ease of fit-up.

OPERATION:

These are quarter-turn (90° rotation) ball valves and are normally fitted with a latching lever handle for manual operation. The handles also contain travel stop tabs at the open and closed positions. To open the valve, lift the latch/lock slider up, and turn the handle counterclockwise. To close the valve, lift the latch/lock slider up and turn the handle clockwise.

- **ONLY** peek seated valves can be welded.

MAINTENANCE:

----WARNING----
**Do not attempt to perform
maintenance on valves in
pressurized lines.**

Stem Seal Adjustment:

If leakage is evident from the stem packing area, tighten the gland nut 1/8 turn. If the leakage persists, repeat tightening. When leakage cannot be corrected by tightening the stem nut, replacement of the valve will be necessary.