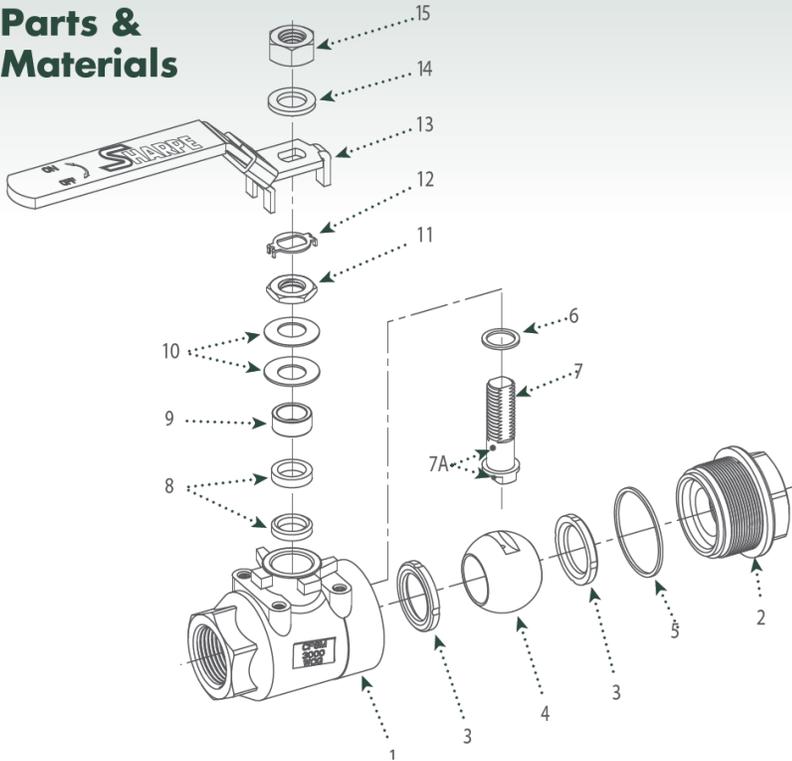




Valves, Automation & Controls

SERIES 50C7 SEAL WELD 3000# BALL VALVE – INSTALLATION, OPERATION, AND MAINTENANCE INSTRUCTIONS

Parts & Materials



No.	Part Name	Material	Qty
1	Body	Carbon Steel ASTM A216 WCB or 316 Stainless Steel ASTM A351 CF8M	1
2	End Piece	Carbon Steel ASTM A216 WCB or 316 Stainless Steel ASTM A351 CF8M	1
3	Seat	Delrin (TE) / PEEK (SW)	2
4	Ball	316 Stainless Steel ASTM A351 CF8M	1
5	Body Seal	PTFE (TE)/ Graphite (SW)	1
6	Thrust Bearing	PTFE (TE)/ PEEK (SW)	1
7	Stem	17-4PH	1
7A	Anti-Static Device	316 Stainless Steel ASTM A276	2
8	Stem Packing	PTFE / Graphite	1
9	Gland Packing	300 Series Stainless Steel	1
10	Belleville Washer	300 Series Stainless Steel	2
11	Packing Nut	300 Series Stainless Steel	1
12	Lock Tab	300 Series Stainless Steel	1
13	Handle	300 Series Stainless Steel	1
14	Lock Washer	300 Series Stainless Steel	1
15	Handle Nut	300 Series Stainless Steel	1
16	Handle Sleeve	PVC	1

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.

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.



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