





Material Specifications

No.	Part	WCB/ENP	WCB/316	CF8M/316	LCC/316 NACE
1	Body	ASTM A216-WCB	ASTM A216-WCB	ASTM A351-CF8M	ASTM A352 -LCC
2	Vent Valve	Carbon Steel	Carbon Steel	Stainless Steel	Stainless Steel
3	Ball	ASTM A105/ENP	ASTM A182-F316	ASTM A182-F316	ASTM A182-F316
4	*O-Ring	NBR/Viton	NBR/Viton	NBR/Viton	NBR/Viton
5	Seat Ring	ASTM A105/ENP	ASTM A182-F316	ASTM A182-F316	ASTM A182-F316
6	Seat Insert	PTFE/Nylon	PTFE/Nylon	PTFE/Nylon	PTFE/Nylon
7	Seat Spring	Inconel X-750	Inconel X-750	Inconel X-750	Inconel X-750
8	Steel Ball	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
9	Antistatic Spring	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
10	Thrust Washer	PTFE	PTFE	PTFE	PTFE
11	Bearing	Carbon Steel+PTFE	Carbon Steel+PTFE	316SS+PTFE	316SS+PTFE
12	Seat Injection	Carbon Steel	Carbon Steel	Stainless Steel	Stainless Steel
13	Gland Flange	ASTM A105	ASTM A105	ASTM A182-F316	ASTM A350-LF2
14	*Gland Gasket	304SS+Graphite	316SS+Graphite	316SS+Graphite	316SS+Graphite
15	Stem	ASTM A105/ENP	ASTM A182-F316	ASTM A182-F316	ASTM A182-F316
16	Key	Carbon Steel	Carbon Steel	Stainless Steel	Carbon Steel
17	Top Flange	ASTM A216-WCB	ASTM A216-WCB	ASTM A351-CF8M	ASTM A352-LCC
18	Screw	Carbon Steel	Carbon Steel	Stainless Steel	Stainless Steel
19	*Stem Firesafe Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite	Flexible Graphite
20	Stem Injection	Carbon Steel	Carbon Steel	Stainless Steel	Stainless Steel
21	*O-Ring	NBR/Viton	NBR/Viton	NBR/Viton	NBR/Viton
22	*Body Gasket	304SS+Graphite	316SS+Graphite	316SS+Graphite	316SS+Graphite
23	*O-Ring	NBR/Viton	NBR/Viton	NBR/Viton	NBR/Viton
24	Adapter	ASTM A216-WCB	ASTM A216-WCB	ASTM A351-CF8M	ASTM A352-LCC
25	Body Nut	ASTM A194-2H	ASTM A194-2H	ASTM A194-8	ASTM A194-7M
26	Body Stud	ASTM A193-B7	ASTM A193-B7	ASTM A193-B8	ASTM A320-L7M
27	Bearing	Carbon Steel+PTFE	Carbon Steel+PTFE	316SS+PTFE	316SS+PTFE
28	Drain	Carbon Steel	Carbon Steel	Stainless Steel	Stainless Steel
29	Trunnion	ASTM A105/ENP	ASTM A105/ENP	ASTM A182-F316	ASTM A350-LF2/ENP
30	*Trunnion Gasket	304SS+Graphite	316SS+Graphite	316SS+Graphite	316SS+Graphite
31	Screw	Carbon Steel	Carbon Steel	Stainless Steel	Stainless Steel
32	Seat Follower	ASTM A105/ENP	ASTM A182-F316	ASTM A182-F316	ASTM A182-F316
33	*Seat Firesafe Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite	Flexible Graphite

* Recommended Spare Parts