



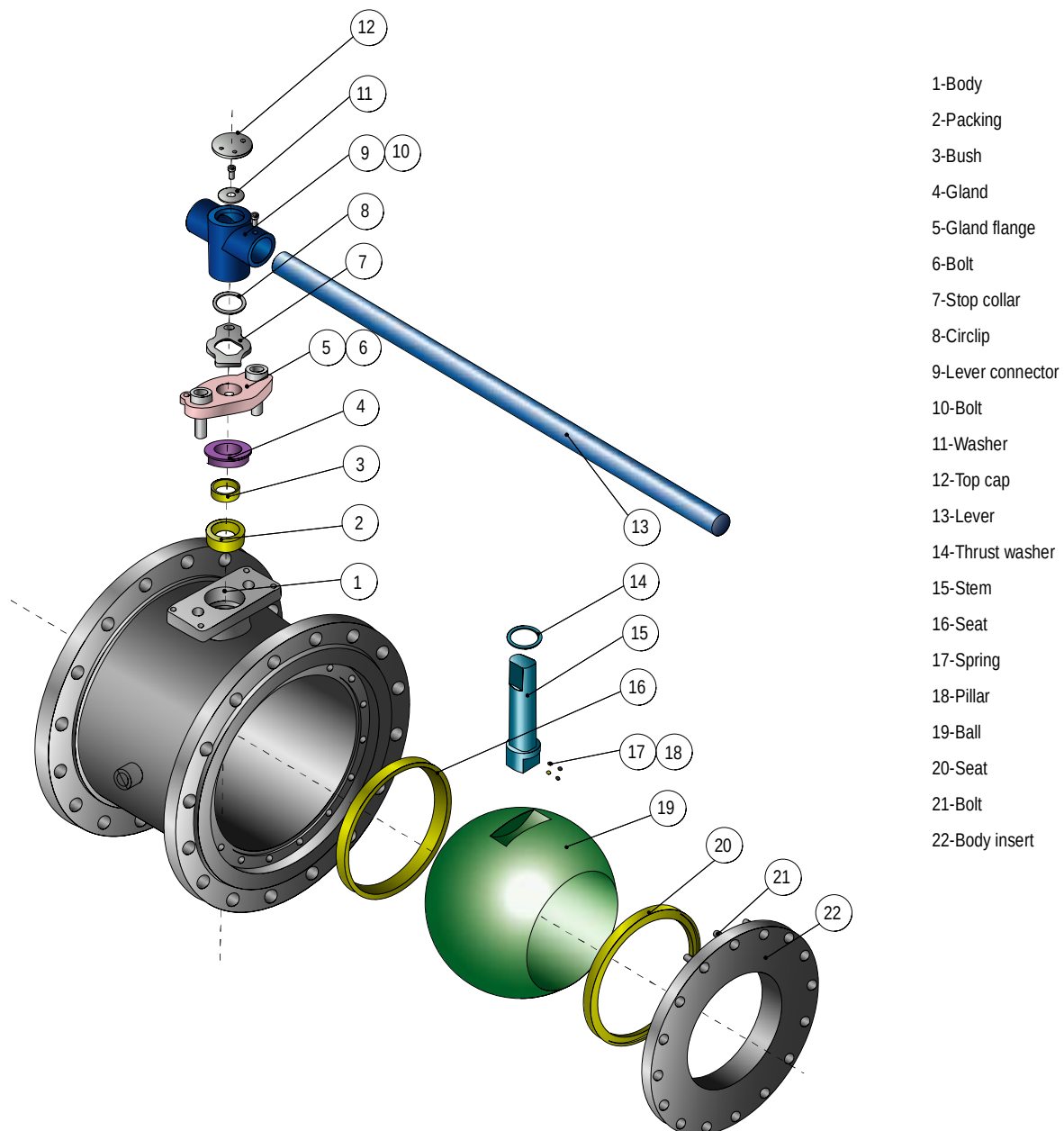
Flanged Ends Jacketed Ball Valve

Structure Features And Application

According to working condition and customers' requirement, a couple of sealing materials for flanged ends jacketed ball valves may be adopted, such as reinforced PTFE, PPL or other hardened metal. Operation manners are of manual, worm gear, and pneumatic or electric actuators. Design pressure of the jacket is generally 1.0 MPa. As per customers' requirement, special design is available. In general, temperature protection jacketed ball valve is employing big sized flanges for connection ends, to which attention should be drawn when ordering.

Temperature protection jacketed ball valves are suitable for use on various kinds of pipelines of Class150~Class300 to cut off or turn on the medium in pipelines, being able to protect medium from crystallization.

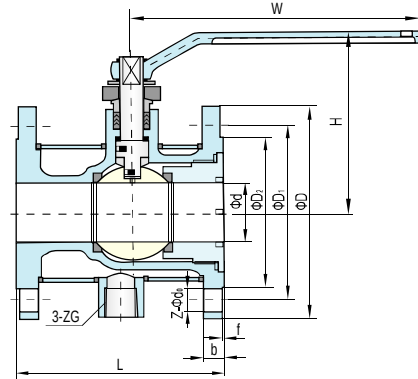
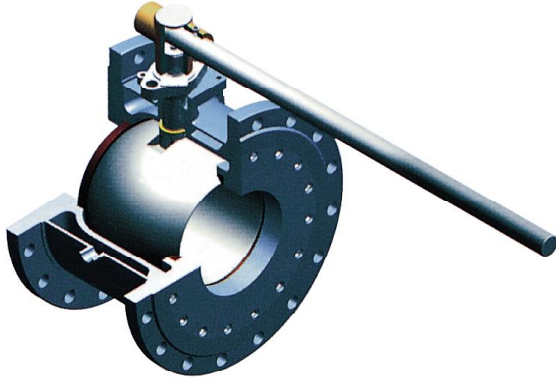
Typical Drawing Of Jacketed Ball Valve And Parts Composition





Flanged Ends Jacketed Ball Valve

Main Sizes And Weights



Pressure stage	Size		Flange size		Dimensions (mm)										Weight (kg)
	DN	NPS	DN	NPS	L	D	D1	D2	b	f	Z-φd	W	H	ZG	
Class150	15	1/2	15×32	1/2×1 1/4	108	117	89	64	13	1.6	4-15	140	140	ZG3/8	3
	20	3/4	20×40	3/4×1 1/2	117	127	98.5	73	15	1.6	4-15	140	150	ZG3/8	4
	25	1	25×50	1×2	127	152	120.5	92	16	1.6	4-19	150	160	ZG1/2	6
	32	1 1/4	32×50	1 1/4×2	140	152	120.5	92	16	1.6	4-19	180	180	ZG3/4	8
	40	1 1/2	40×65	1 1/2×2 1/2	165	178	139.5	105	18	1.6	4-19	200	180	ZG3/4	10
	50	2	50×80	2×3	178	190	152.5	127	19	1.6	4-19	250	200	ZG3/4	14
	65	2 1/2	65×100	2 1/2×4	190	229	190.5	157	24	1.6	8-19	300	210	ZG3/4	18
	80	3	80×150	3×6	229	279	241.5	216	26	1.6	8-22	350	220	ZG3/4	25
	100	4	100×200	4×8	254	343	298.5	270	29	1.6	8-22	500	250	ZG3/4	36
	125	5	125×200	5×8	267	343	298.5	270	29	1.6	8-22	650	270	ZG3/4	66
	150	6	150×250	6×10	292	406	362	324	31	1.6	12-25	800	290	ZG3/4	98
Class300	200	8	200×350	8×14	330	533	476	413	35	1.6	12-29	1000	330	ZG3/4	160
	15	1/2	15×32	1/2×1 1/4	108	133	98.5	64	19	1.6	4-19	140	150	ZG3/8	4
	20	3/4	20×40	3/4×1 1/2	117	156	114.5	73	21	1.6	4-22	140	160	ZG3/8	5
	25	1	25×50	1×2	127	165	127	92	23	1.6	8-19	150	180	ZG1/2	8
	32	1 1/4	32×50	1 1/4×2	140	165	127	92	23	1.6	8-19	180	200	ZG3/4	10
	40	1 1/2	40×65	1 1/2×2 1/2	165	190	149	105	26	1.6	8-22	200	200	ZG3/4	13
	50	2	50×80	2×3	178	210	168.5	127	29	1.6	8-22	250	220	ZG3/4	18
	65	2 1/2	65×100	2 1/2×4	190	254	200	157	32	1.6	8-22	300	230	ZG3/4	23
	80	3	80×150	3×6	229	318	270	216	37	1.6	12-22	350	240	ZG3/4	36
	100	4	100×200	4×8	254	381	330	270	42	1.6	12-25	500	270	ZG3/4	58
	125	5	125×200	5×8	267	381	330	270	42	1.6	12-25	650	280	ZG3/4	90
	150	6	150×250	6×10	292	445	387.5	324	48	1.6	16-29	800	320	ZG3/4	120
	200	8	200×350	8×14	330	584	514.5	413	54	1.6	20-32	1000	350	ZG3/4	210

