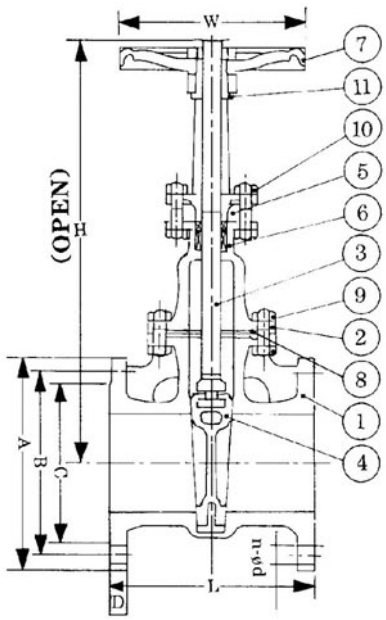
GATE VALVE ANSI CLASS 150

JV-GT 150

DESIGN DESCRIPTION	APPLICABLE CLASS 150 STANDARDS
Bolted Bonnet	Steel Valves: ANSI B16.34
Outside Screw and Yoke	Face to Face: ANSI B16.10
Flexible Wedge, FOR 2-1/2"-16"	End Flanges: ANSI B16.5
Rising Stem	Buttwelding Ends ANSI B16.25
Non-Rising Handwheel	
Integral Seat Rings	
Flanged Ends	
Buttwelding Ends	
Available With Gear Operator	

JOHN-VALVE

MATERIAL LIST



NO	PARTS NAME	MATERIAL			
		SS304	SS316	SS304L	SS316L
1	BODY	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
2	BONNET	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
3	STEM	AISI-304	AISI-316	AISI-304	AISI-316
4	DISC	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
5	GLAND	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
6	GLAND PACKING	PTFE / GRAPHITE			
7	HANDWHEEL	DUCTILE IRON			
8	GASKET	PTFE / GRAPHITE			
9	BONNET BOLT/NUT	AISI-304			
10	GLAND BOLT/NUT	AISI-304			
11	YOKE SLEEVE	BRONZE - DUCTILE IRON			

DIMENSIONS (mm)

SIZE	IN	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L (RF)		108	117	127	140	165	178	190	203	229	254	267	292	330	356	381	406
L1 (BW)		108	117	127	140	165	216	241	283	305	381	403	419	457	502	572	610
H		195	200	231	270	293	321	397	447	534	625	733	922	1092	1327	1480	1855
ΦW		100	100	120	140	140	165	190	190	215	240	270	330	375	420	550	550
ΦA		89	98	108	117	127	152	178	190	229	254	279	343	406	483	553	597
ΦB		60.5	70	79.5	89	98.5	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432	476.5	539.7
ΦC		35	43	51	64	73	92	105	127	157	186	216	270	324	381	413	470
D		11.2	11.2	11.2	14.3	14.3	15.9	17.5	19.1	23.9	23.9	25.4	28.6	30.2	31.8	35	36.6
n-Φd		4-16	4-16	4-16	4-16	4-16	4-19	4-19	4-19	8-19	8-22	8-22	8-22	12-25	12-25	12-25	16-29
WEIGHT (KG)		3	3.5	4.5	6.5	8.3	10.2	17.2	20	30	41	58.5	85.4	129	205	285	355