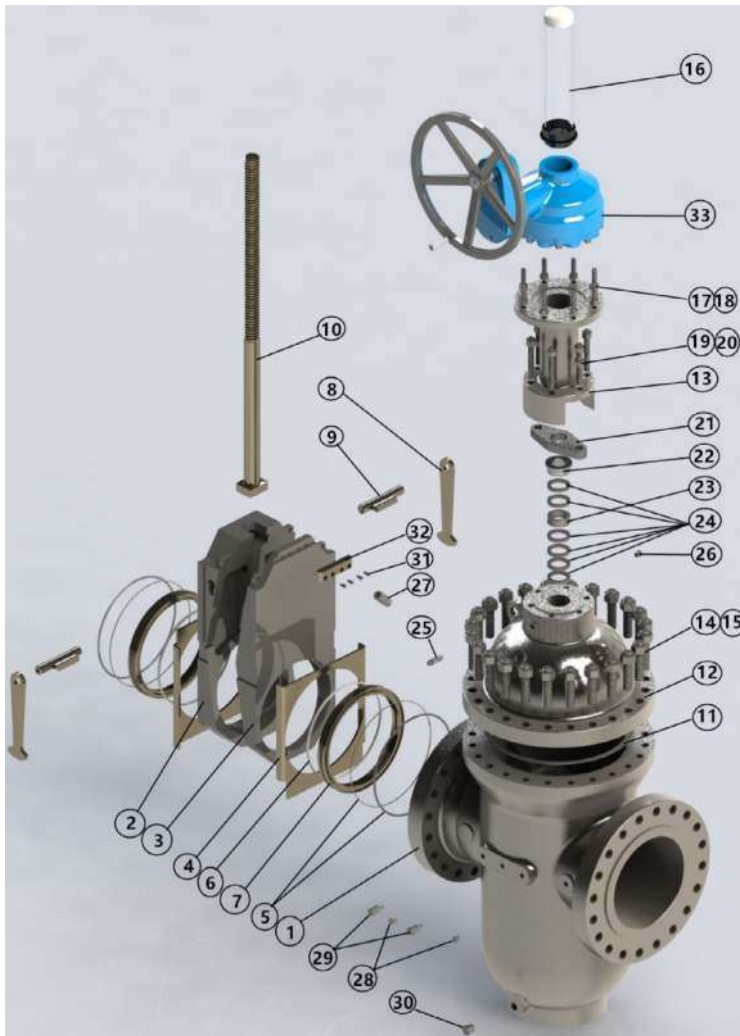


EXPANDING GATE VALVE COMPONENTS AND TRIM CHART

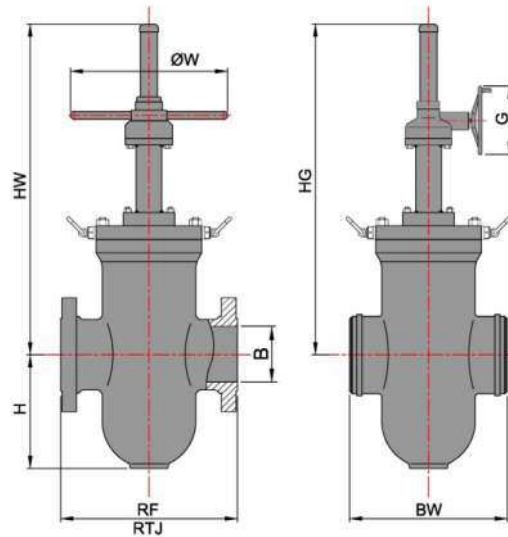


ITEM NO.	PART NAME
1	BODY
2	GATE
3	SEGMENT
4	SKIRT PLATE
5	O-Ring
6	SEAT INSERT
7	SEAT RING
8	CENTRALIZER
9	PIN
10	STEM
11	GASKET
12	BONNET
13	YOKE
14	BOLT
15	NUT
16	STEM COVER
17	BOLT
18	NUT
19	BOLT
20	NUT
21	GLAND FLANGE
22	GLAND
23	LANTERN RING
24	PACKING
25	PACKING FITTING
26	PLUG
27	AUTOVENT VALVE
28	PLUG
29	INJECTION FITTING
30	PLUG
31	BOLT
32	STOPPER
33	GEAR BOX

ITEM	DESCRIPTION	CARBON STEEL -29°C (-20°F) TO 176°C (350°F)	LOW TEMP. CARBON STEEL -46°C (-51°F) TO 176°C (350°F)
1	Body	A216 WCB/WCC	A352 LCC
2	Bonnet	A216 WCB/WCC	A352 LCC / LF2
3	Welding yoke	ANSI 1020	A350 LF2
4	*Gate & Segment	A216 WCB/WCC/ENP	A352 LCB/LCC/ENP
5	Skirt plate	13Cr	13Cr
6	Centralizer	13Cr	13Cr
7	Stem	A182 F316	A182 F316
8	Seat Insert	RPTFE/DEVLON	RPTFE/DEVLON
9	Seat seal (O-Ring)	Viton A	HNBR
10	*Seat ring	A105N/ENP	A350 LF2/ENP
11	Body/Bonnet Studs	A193 B7M	A320 L7M
12	Body/Bonnet Nuts	A194 2HM	A194 7M
13	Packing	GRAPHITE	GRAPHITE
14	Packing Fitting	SS316	SS316
15	Packing Plug/Vent	SS316	SS316

*3-Mil Electroless Nickel Plating

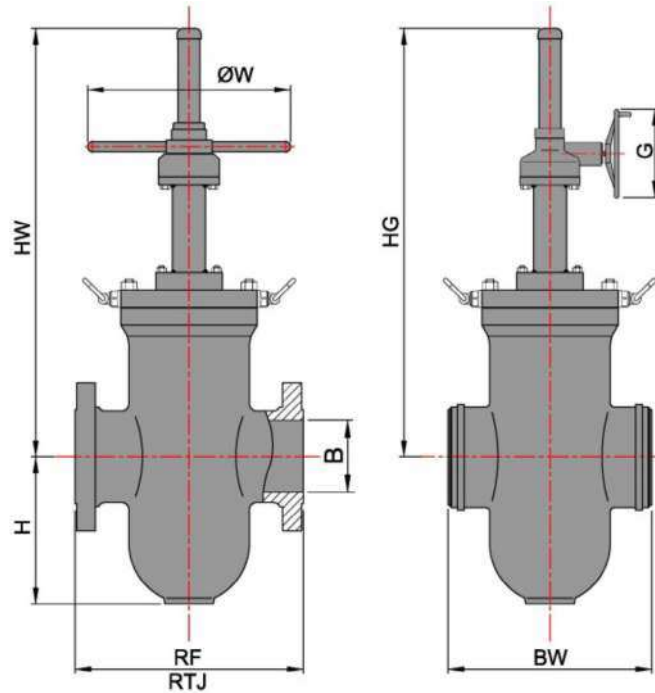
EXPANDING GATE VALVE WEIGHTS AND DIMENSIONS



EXPANDING GATE VALVE CLASS 300										
SIZE IN	RF	RTJ	BW	B	H	HW	W	HG	G	WEIGHT LBS (KG)
2"	8.50 (216)	9.13 (232)	8.50 (216)	2.00 (51)	5.71 (145)	18.50 (470)	9.84 (250)			
3"	11.14 (283)	11.73 (298)	11.14 (283)	3.00 (76)	7.13 (181)	27.36 (695)	9.84 (250)			
4"	12.00 (305)	12.64 (321)	12.00 (305)	4.00 (102)	9.76 (248)	31.50 (800)	11.81 (300)			
6"	15.87 (403)	16.50 (419)	15.87 (403)	5.98 (152)	12.76 (324)	42.87 (1089)	22.05 (560)			
8"	16.50 (419)	17.13 (435)	16.50 (419)	7.99 (203)	15.28 (388)	52.20 (1326)	22.05 (560)	52.20 (1326)	12.20 (310)	12.20 (310)
10"	18.00 (457)	18.62 (473)	18.00 (457)	10.00 (254)	19.17 (487)	55.75 (1416)	22.05 (560)	55.75 (1416)	18.11 (460)	18.11 (460)
12"	19.76 (502)	20.39 (518)	19.76 (502)	12.00 (305)	22.71 (577)	64.84 (1647)	25.20 (640)	64.84 (1647)	24.00 (610)	24.00 (610)
14"	30.00 (762)	30.63 (778)	30.00 (762)	13.23 (336)	25.28 (642)	69.50 (1765)	28.35 (720)	69.50 (1765)	24.00 (610)	24.00 (610)
16"	33.00 (838)	33.62 (854)	33.00 (838)	15.16 (385)	28.54 (725)			79.96 (2031)	24.00 (610)	24.00 (610)
18"	36.00 (914)	36.61 (930)	36.00 (914)	17.24 (438)	31.50 (800)			90.75 (2305)	24.00 (610)	24.00 (610)
20"	39.02 (991)	39.76 (1010)	39.02 (991)	19.25 (489)	35.16 (893)			92.52 (2350)	28.00 (610)	28.00 (610)
24"	45.00 (1143)	45.87 (1165)	45.00 (1143)	23.23 (590)	42.91 (1090)			114.29 (2903)	28.00 (710)	28.00 (710)
28"	53.00 (1346)	54.00 (1372)	53.00 (1346)	26.93 (684)	47.48 (1206)			124.96 (3174)	28.00 (710)	28.00 (710)
30"	55.00 (1397)	56.00 (1422)	55.00 (1397)	29.00 (737)	51.38 (1305)			131.18 (3332)	39.37 (1000)	39.37 (1000)
32"	60.00 (1524)	61.14 (1553)	60.00 (1524)	30.67 (779)	53.70 (1384)			142.50 (3620)	39.37 (1000)	39.37 (1000)
36"	68.00 (1727)	69.13 (1756)	68.00 (1727)	34.50 (876)	59.72 (1517)			156.42 (3973)	39.37 (1000)	39.37 (1000)

EXPANDING GATE VALVE CLASS 600										
SIZE IN	RF	RTJ	BW	B	H	HW	W	HG	G	WEIGHT LBS (KG)
2"	11.50 (292)	11.61 (295)	11.50 (292)	2.00 (51)	5.91 (150)	18.90 (480)	9.84 (250)			143 (65)
3"	14.00 (356)	14.13 (359)	14.00 (356)	3.00 (76)	7.48 (190)	28.94 (735)	9.84 (250)			243 (110)
4"	17.00 (432)	17.13 (435)	17.00 (432)	4.00 (102)	10.24 (260)	31.46 (799)	19.69 (500)			331 (150)
6"	22.00 (559)	22.13 (562)	22.00 (559)	5.98 (152)	12.95 (329)	49.72 (1263)	20.05 (560)			628 (285)
8"	26.00 (660)	26.14 (664)	26.00 (660)	8.00 (203)	16.54 (420)	52.20 (1326)	28.35 (720)	52.20 (1326)	18.11 (460)	1433 (650)
10"	31.00 (787)	31.14 (791)	31.00 (787)	10.00 (254)	19.49 (495)	58.00 (1473)	28.35 (720)	58.00 (1473)	24.00 (610)	1984 (900)
12"	33.00 (838)	33.11 (841)	33.00 (838)	12.00 (305)	23.23 (590)	64.84 (1647)	28.35 (720)	64.84 (1647)	24.00 (610)	2425 (1100)
14"	35.00 (889)	35.12 (892)	35.00 (889)	13.23 (336)	25.79 (655)			71.65 (1820)	24.00 (610)	3748 (1700)
16"	39.00 (991)	39.13 (994)	39.00 (991)	15.16 (385)	29.21 (742)			80.16 (2036)	28.00 (710)	5071 (2300)
18"	43.00 (1092)	43.11 (1095)	43.00 (1092)	17.17 (436)	32.68 (830)			90.75 (2305)	31.50 (800)	6063 (2750)
20"	47.00 (1194)	47.24 (1200)	47.00 (1194)	19.25 (489)	36.81 (935)			94.50 (2400)	31.50 (800)	9259 (4200)
24"	55.00 (1397)	55.39 (1407)	55.00 (1397)	23.19 (589)	43.70 (1111)			116.26 (2953)	31.50 (800)	10913 (4950)
28"	61.00 (1549)	61.50 (1562)	61.00 (1549)	26.93 (684)	48.27 (1226)			132.83 (3374)	35.43 (900)	18188 (8250)
30"	65.00 (1651)	65.50 (1664)	65.00 (1651)	29.00 (737)	51.97 (1320)			137.50 (3492)	39.37 (1000)	20944 (9500)
32"	65.00 (1651)	65.50 (1664)	65.00 (1651)	30.67 (779)	54.50 (1384)			144.50 (3670)	39.37 (1000)	25353 (11500)
36"	74.00 (1880)	74.61 (1895)	74.00 (1880)	34.50 (876)	60.24 (1530)			161.14 (4093)	39.37 (1000)	34172 (15500)

EXPANDING GATE VALVE WEIGHTS AND DIMENSIONS



EXPANDING GATE VALVE CLASS 900										
SIZE IN	RF	RTJ	BW	B	H	HW	W	HG	G	WEIGHT LBS (KG)
2"	14.50 (368)	14.61 (371)	14.50 (368)	1.93 (51)	6.14 (156)	26.38 (670)	9.84 (250)			198 (90)
3"	15.00 (381)	15.12 (384)	15.00 (381)	3.00 (76)	9.09 (231)	28.94 (735)	15.75 (400)			370 (162)
4"	18.00 (457)	18.11 (460)	18.00 (457)	4.00 (102)	10.63 (270)	31.46 (799)	19.69 (500)			628 (285)
6"	24.00 (610)	24.13 (613)	24.00 (610)	6.00 (152)	13.54 (344)	52.87 (1343)	22.05 (560)			1168 (530)
8"	29.00 (737)	29.13 (740)	29.00 (737)	8.00 (203)	18.46 (469)	52.20 (1326)	28.35 (720)	52.20 (1326)	18.11 (305)	2094 (950)
10"	33.00 (838)	33.11 (841)	33.00 (838)	10.00 (254)	19.69 (500)	61.93 (1573)	28.35 (720)	61.93 (1573)	18.11 (610)	2866 (1300)
12"	38.00 (965)	38.11 (968)	38.00 (965)	12.00 (305)	24.21 (615)			65.63 (1667)	28.00 (710)	4321 (1960)
14"	40.50 (1029)	40.87 (1038)	40.50 (1029)	12.76 (324)	26.38 (670)			71.75 (1820)	28.00 (710)	5842 (2650)
16"	44.50 (1130)	44.88 (1140)	44.50 (1130)	14.69 (373)	29.53 (750)			85.67 (2176)	28.00 (710)	7055 (3200)
18"	48.00 (1219)	48.50 (1232)	48.00 (1219)	16.73 (425)	35.04 (890)			88.46 (2247)	35.43 (900)	8818 (4000)
20"	52.00 (1321)	52.52 (1334)	52.00 (1321)	18.62 (473)	36.34 (923)			98.46 (2501)	35.43 (900)	11464 (5200)
24"	61.00 (1549)	61.73 (1568)	61.00 (1549)	22.52 (572)	43.58 (1107)			116.93 (2970)	35.43 (900)	20282 (9200)