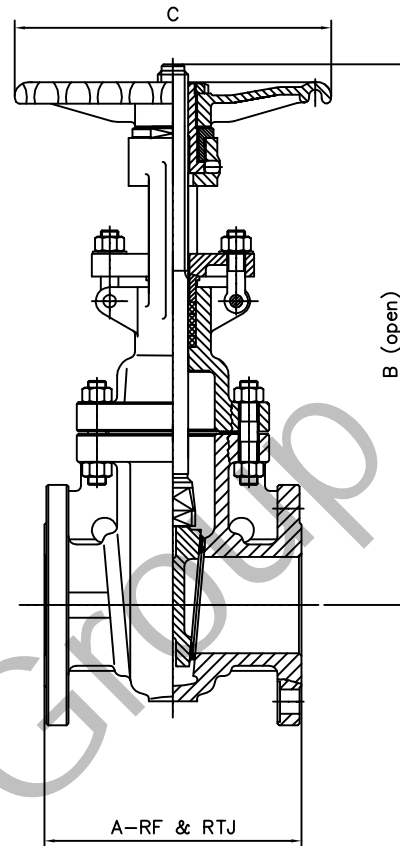


Gate Valve Class 600 – ARTEK GROUP SRL



DESIGN AND MATERIALS ACC.TO NACE 0175/ISO 15156 LATEST EDITION
 FLANGED AND CONNECTIONS ACC.TO ANSI B16.5 / ANSI B16.25
 FACE TO FACE ACC.TO ANSI B16.10
 FLANGE FACING ACC.TO SMOOTH FINISH 125-250 AARRH
 VALVE DESIGN API 600
 FULLY COMPLIANCE WITH PED 97/23/EC
 TEST AND INSPECTION API 598
 PRESSURE AND TEMP.RATING ANSI B16.34

Typical Bill for GATE

Component	TY1	TY2	TY3	Component	TY1	TY2	TY3
Body	ASTM A216WCB	ASTM A351CF8M	ASTM A351CF3M	Gland Flange	ASTM A216WCB	ASTM A351CF8M	ASTM A351CF3M
Seat Rings	ASTM A182F6+STL.6	ASTM A182F304L+STL.6	ASTM A182F316L+STL.6	Gland Bolt Pins	ASTM A105	ASTM A182F304L	ASTM A182F316L
Wedge	ASTM A216WCB+STL.6	ASTM A351CF8M+STL.6	ASTM A351CF3M+STL.6	Gland Bolts	ASTM A193-B7	ASTM A193-B8	ASTM A193-B8M
Stern	ASTM A182F6	ASTM A182F304L	ASTM A182F316L	Gland Nuts	ASTM A194-2H	ASTM A194-GR.8	ASTM A194-GR.8M
Bonnet	ASTM A216WCB	ASTM A351CF8M	ASTM A351CF3M	Nameplate	Stainless Steel	Stainless Steel	Stainless Steel
Bonnet Gasket	SS316+Graphite	SS316+Graphite	SS316+Graphite	Grease Fitting	ASTM A105	ASTM A182F304L	ASTM A182F316L
Bonnet Nuts	ASTM A194-2H	ASTM A194-GR.8	ASTM A194-GR.8M	Yoke Bushing	ASTM A105	ASTM A182F304L	ASTM A182F316L
Bonnet Studs	ASTM A193-B7	ASTM A193-B8	ASTM A193-B8M	Handwheel	Ductile Iron	ATSM A105	ASTM A105
Back Seat Bushing	ASTM A182F6	ASTM A182F304L	ASTM A182F316L	Handwheel Nut	ASTM A194-2H	ASTM A194-GR.8	ASTM A194-GR.8M
Packing	Braded & Flex. Graphite	Braded & Flex. Graphite	Braded & Flex. Graphite	Set Screw	ASTM A106-GR.8	ASTM A182F304L	ASTM A182F316L
Gland	ASTM A105	ASTM A182F304L	ASTM A182F316L				

Class 600

Size	nps	2	2.5	3	4	5	6	8	10	12	14	16	18	20	24
	dn	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A-RF	in	11.5	13.0	14.0	17.0	20.0	22.0	26.0	31.0	33.0	35.0	39.0	43.0	47.0	55.0
	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397
A-BW	in	11.5	13.0	14.0	17.0	20.0	22.0	26.0	31.0	33.0	35.0	39.0	43.0	47.0	55.0
	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397
A-RTJ	in	11.62	13.12	14.12	17.12		22.12	26.12	31.12	33.12	35.12	39.12	43.12	47.25	55.38
	mm	295	333	359	435		562	664	791	841	892	994	1095	1200	1406
B	in	18.3	19.9	21.7	26.9	31.6	36.5	44.0	52.8	61.4	64.8	71.7	79.3	104.8	116.9
	mm	465	505	551	683	803	927	1118	1341	1560	1646	1821	2014	2662	2970
C	in	10.0	10.0	12.0	15.0	18.0	20.0	24.0	27.0	30.0	30.0	35.0	43.0	46.0	31.9
	mm	254	254	305	381	457	508	610	686	686	762	889	1092	1092	**810
RF-RTJ	lbs	97	132	176	320	520	680	1150	1715	2440	3150	4415	5010	6853	10337
Wt.	kg	44	60	80	145	236	309	523	780	1109	1432	2007	2277	3108	4688
BW	lbs	79	120	152	270	430	580	1020	1430	1950	2695	3800	5010	5640	8595
Wt.	kg	36	55	69	123	195	264	464	650	886	1225	1727	2277	2558	3898

** = Gear operated is standard; Handwheel available upon request.