



150 Class API 600 STANDARD **PN20**
Bolted Bonnet Steel WEDGE GATE VALVES
 OUTSIDE SCREWED & YOKE, RISING STEM, FIRE SAFE

Figure

E510G.11



600-0043

DIMENSIONS & WEIGHT of E510

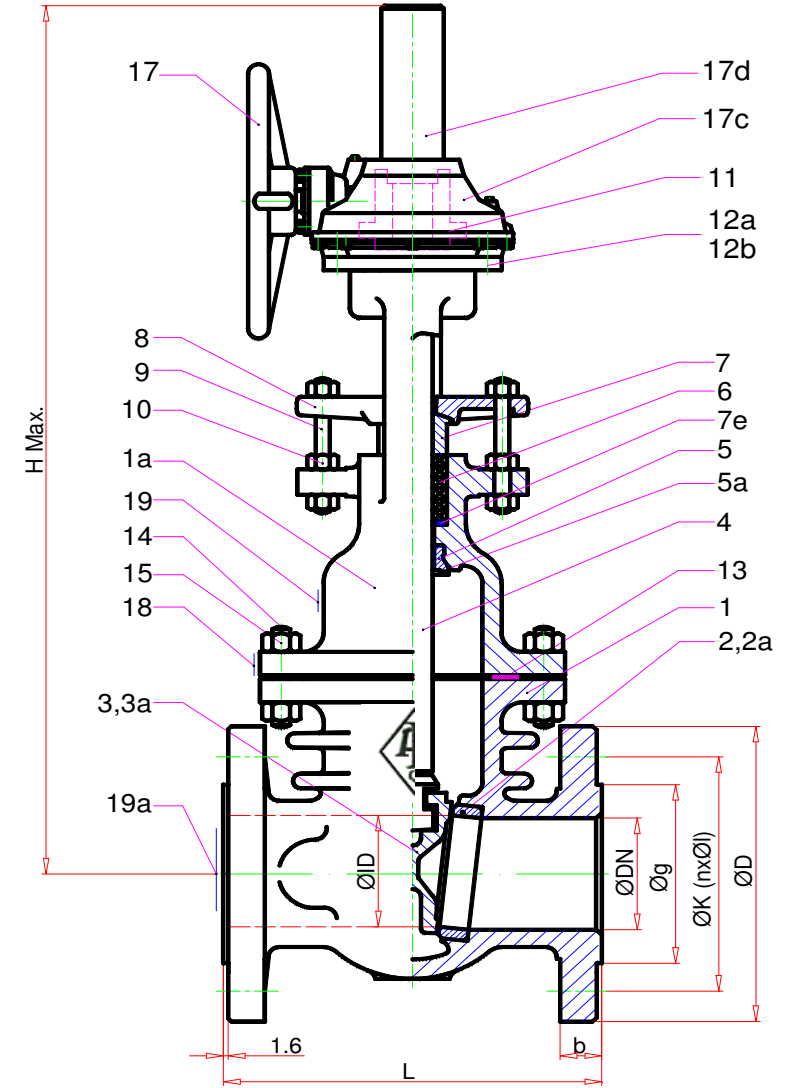
DN inc.	ID mm	ØD mm	b mm	Øg mm	ØK mm	n no	ØI mm	L mm	H mm	Wt kg	Kv m ³ /h	Barcode
2"	51	153	16	92	121	4	19	178	450	25	240	869.699.750.301
2½"	64	178	17,5	105	139,7	4	19	191	500	33	350	869.699.750.302
3"	76	191	19	127	152	4	19	203	530	38	540	869.699.750.303
4"	102	229	24	157	191	8	19	229	630	56	970	869.699.750.304
5"	127	254	24	186	216	8	22	254	760	73	1500	869.699.750.305
6"	152	280	26	216	241	8	22	267	860	80	2200	869.699.750.306
8"	203	343	29	270	299	8	22	292	1055	132	3900	869.699.750.307
10"	254	407	30	324	362	12	26	330	1355	202	6000	869.699.750.308
12"	305	483	32	381	432	12	26	356	1525	295	8600	869.699.750.309
14"	337	534	35	413	476	12	29	381	1720	385	10600	869.699.750.310
16"	387	597	37	470	540	16	29	406	1900	500	14000	869.699.750.311
18"	438	635	40	534	578	16	32	432	2200	695	17000	869.699.750.312
20"	489	699	43	584	635	20	32	457	2350	757	21000	869.699.750.313
24"	591	813	48	692	749	20	35	508	2725	1077	30500	869.699.750.314
28"	686	1060	57	908	978	28	41	610	3250	1808	42500	869.699.750.315
30"	737	1170	62	1022	1086	32	41	610	3350	2408	50000	869.699.750.316
32"	781	1060	57	908	978	28	41	711	3510	2876	55000	869.699.750.317
36"	876	1170	62	1022	1086	32	41	711	3900	3175	70000	869.699.750.318
42"	1020	1345	67	1194	1257	36	42	762	4700	4325	95000	869.699.750.319
48"	1166	1510	70	1359	1422	44	42	762	5420	5200	124000	869.699.750.320
60"	1458	1855	80	1676	1759	52	48	762	6450	9310	190000	869.699.750.321
72"	1755	2200	90	2020	2095	60	51	914	8200	13730	275000	869.699.750.322

	TEST PRESSURE	WORKING PRESSURE
SHELL & BACKSEAT	30 Bar	-29+38 °C
CLOSURE	22 Bar	+425 °C
AIR	6 Bar	

PART LIST for Material No.11

Item	PART NAME	Symb.	material	Item	PART NAME	Symb.	material
1	BODY	WCB	ASTM A216 Gr.WCB	10	GLAND NUT	B	ASTM A307.B
1a	BONNET	WCB	ASTM A216 Gr.WCB	11	STEM BUSHING	BZ	ASTM B148
2	BODY SEAT RING	ST	ASTM A105	12a	FLANGE	ST	STEEL
2a	Body Seat FACE	Cr13	AWS ER420	12b	BOLT	B	ASTM A307.B
3	WEDGE (*)	WCB	ASTM A216 Gr.WCB	13	GASKET	NASF	Non Asbestos S.Fb.
3a	Wedge Seat FACE	Cr13	AWS ER420	14	STUD BOLT	B7	ASTM A193 Gr.B7
4	STEM	Cr13	ASTM A276 T.410	15	NUT	2H	ASTM A194 Gr.2H
5	BACK RING	Cr13	ASTM A276 T.410	17	HANDWHEEL	DI	ASTM A536
5a	Back Ring FACE		INTEGRAL	17c	GEAR BOX		
6	PACKING	GRF	GRAPHITE	17d	STEM INDICATOR	ST	STEEL
7	GLAND	CR13	ASTM A276 T.410	18	NAME PLATE	SP	STAINLESS PLATE
7e	WHASHER	ST	STEEL	19	PAINT	EP	EPOXY
8	GLAND FLANGE	WCB	ASTM A216 Gr.WCB	19a	END COVER	PVC	PLASTIC
9	GLAND BOLT	B	ASTM A307.B				

(*) Material CR13 (ASTM A217 Gr.CA15) for 8" and smaller



DESIGN STD.: **API 600 & ASME B16.34** FACE to FACE STD.: **ANSI B16.10 & ISO 5752-T3** FLANGE STD.: **ANSI B16.5 & ISO 7005-PN20** MAT'L ID.: **WCB** TRIM ID.: **Cr13-Cr13-Cr13**